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Checklist of the Hemiptera of Canada and Alaska



**H. L. Maw
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K. G. A. Hamilton
G. S. Scudder**

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Canada and Alaska**



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Abstract / Résumé

Over 3900 species of Hemiptera (including 'Homoptera') known to occur in Canada and Alaska are listed and their distribution by major political division is given. Arrangement is by taxonomic hierarchy with cross-references from alphabetic lists of genera and species. Annotations identify introduced species and indicate pest status. A brief descriptive synopsis is included for principle taxonomic groups and references to available identification guides (keys, revisions and handbooks), catalogues and bibliographies are provided for genera and higher taxa.

Plus de 3900 les espèces d'hémiptères (y compris les homoptères) signalées au Canada et en Alaska sont recensées dans cette publication. L'information comprend aussi des données de répartition par territoire politique. La liste est présentée selon la hiérarchie taxonomique et ponctuée de renvois à de listes alphabétiques des genres et des espèces. Des annotations rendent compte des espèces étrangères et nuisibles. On trouvera aussi dans cet ouvrage de brefs résumés, dans le cas des principaux groupes taxonomique, et des renvois à des guides d'identification (clefs, révisions, manuels), à des catalogues et à des bibliographies, dans le cas des genres et des taxons supérieurs

Checklist of the Hemiptera of Canada and Alaska

Introduction

This checklist attempts to summarize all records of species of Hemiptera in the broad sense (= 'Rhynchotha', *i.e.* including 'Homoptera') found in Canada and Alaska. No new combinations of genus and species names are presented here, even though in the opinion of the authors a number of species are wrongly placed.

Occurrence records are given for the primary political subdivisions of Canada (provinces and territories) and the state of Alaska, except that Labrador is listed separately from insular Newfoundland. This scheme is adequate for most users, but has, for those interested in making biogeographic inferences, the unfortunate consequence that small, biologically and climatically homogenous areas, such as Prince Edward Island, are given the same status as huge heterogenous regions. However, a more equitable treatment, such as subdividing political units based on ecoregions, would have required a much more elaborate format.

The majority of the records are supported by specimens in the Canadian National Collection of Insects, Arachnids and Nematodes (Agriculture and Agri-Food Canada, Research Branch, Ottawa), the Spencer Entomological Collection (University of British Columbia, Vancouver), the Lyman Museum (MacDonald College [MacGill University], Ste-Anne-de-Bellevue, Québec), and the M.E. MacGillivray Collection of Aphids (Agriculture and Agri-Food Canada, Research Branch, Fredericton). Additional records from the literature have been included without differentiation when there is no evidence that they are in error. Doubtful records (as for collections markedly disjunct from the known broader distribution, or older records from the Northwest Territories without specific locality, which may in fact be from the prairie provinces) are marked with a query. Records in the literature known to be in error are generally not addressed, although some identification errors with a significant history in the literature are listed in the species index with cross reference to the corresponding correct identification.

Arrangement of Taxa

Overall arrangement is by taxonomic hierarchy, *i.e.* species are placed under the suborder, infraorder, superfamily, family, subfamily, tribe (if appropriate) and genus to which they belong. Higher taxa are arranged in approximate phylogenetic order. Families, subfamilies and genera are arranged alphabetically within the appropriate higher taxon, subgenera (when defined) alphabetically within genus, and species alphabetically within (sub)genus. An index of species names ordered alphabetically by specific epithet, and an index of generic and subgeneric names, are also provided.

The arrangement and naming of suborders and infraorders follows Sorensen *et al.* (1995). This differs from traditional classifications of the hemipterous groups in that the 'Homoptera' are divided into three separate suborders: Sternorrhyncha (with its traditional scope), Clypeorrhyncha (cicadomorphans) and Archaeorrhyncha (fulgoromorphans). These suborders are coordinate with a fourth suborder, Prosorrhyncha, containing the true bugs, or Heteroptera, plus a small south-temperate group, the Coleorrhyncha.

A brief discussion and summary description is provided for higher taxa. The detail given at a particular taxonomic level varies with the suborder being considered. This is a reflection of the differences in ease of recognition and stability of the groups to the non-specialist, and corresponds in part to previous family-level classifications. Thus, in Sternorrhyncha, Clypeorrhyncha and Archaeorrhyncha, most information is provided at the superfamily level or subordinal level, since these correspond to stable entities (formerly families). On the other hand, the families of Prosorrhyncha have (with some exceptions such as Lygaeidae and related families) been used with their current meaning for some time, while the higher groupings have been subject to recent rearrangements.

Synonyms

No attempt is made to give a complete synonymy for any genus or species. However, common synonyms which have appeared in the recent literature, or for which there is an extensive older literature base (as for some economically important species), are included in the alphabetic indices with cross reference to the appropriate current name. For full synonymy, consult the catalogues cited within relevant discussions of the higher groups (families and above).

Identification Aids

References to useful identification keys, revisions and catalogues are provided for genera and higher taxa with an indication of the geographic area covered.

Format of Checklist Entries

Presence of a species in a geographic unit is indicated by a two-letter abbreviation of that unit's name, while a dash (-) indicates that there are no known collections of the species in that region. The geographic abbreviations, in the order in which they are arranged in the checklist (approximately west to east and north to south) are:

- AK - Alaska
- YK - Yukon Territory
- NT - Northwest Territories
- NU - Nunavut
- BC - British Columbia
- AB - Alberta
- SK - Saskatchewan
- MB - Manitoba
- ON - Ontario
- QC - Québec
- NB - New Brunswick
- PE - Prince Edward Island
- NS - Nova Scotia
- NF - insular Newfoundland
- LB - Labrador

These geographic abbreviations may be accompanied or replaced by modifying symbols:

- * - species is believed to be introduced and has become established (this includes species native to regions within the area covered by this checklist, and subsequently introduced to another region).
- [] - species found in Canada only in greenhouses, conservatories or other indoor situations (sometimes escaping and found temporarily outdoors adjacent to such situations).
- { } - species is believed to have been extirpated from a region, or has become extinct.
- ? - indicates uncertainty about literature records or the identification of the relevant specimens.
- @ - transient occurrences, known only from specimens found on imported produce or horticultural material or packing material, or captured at ports of entry, and apparently not persisting.
- S - specimens known only as interceptions by regulatory agencies at ports of entry.

Additional coded information is given in the right margin if relevant:

- A - agricultural field pest
- F - forest pest
- G - pest in greenhouses (both horticultural and vegetable)
- O - pest of ornamental plants, including nuisance pests of urban trees
- r - rare or very local in occurrence
- b - biological control agent

A summary of these codes is provided as a running footer.

Common names are in accord with the the insect common names published by the Entomological Society of Canada (Belton & Eidt 1993), with a few minor changes (such as replacement of "woolly adelgid" with "adelgid") and some additional names, principally among the Cicadellidae.

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Suborder Sternorrhyncha

Aphids, psyllids, whiteflies and scales. Rostrum arising at the back margin of the head adjacent to, or between, the bases of the forelegs; antennal flagellum with few to many segments, but not bristle-like; tarsi with 1 or 2 segments.

Infraorder Aleyrododea

Superfamily Aleyrodoidea

Key to genera and pest species: Martin 1987 [world].

Catalogue: Mound & Halney 1978 [world].

Whiteflies. Both male and female whitefly adults are winged and covered by a white wax coating. Immature whiteflies are scale-like. The last larval instar, usually called the pupa, is quiescent. Many produce a distinctive fringe of white or clear wax filaments or a surrounding wax palisade. This group is most diverse in the tropics, and very few species are found in north temperate regions. Other than the few serious greenhouse pests, whiteflies have been very poorly collected in Canada: a few more species should be expected in forest and bog habitats, and the known ranges of the others expanded. The records for the two *Bemisia* species are confounded and only one of the two may actually be present.

The superfamily is considered here to be composed of a single family.

Family ALEYRODIDAE

Subfamily ALEYRODINAE

Genus ALEUROPLATUS Quaintance & Baker

<i>A. berbericolus</i> Quaintance & Baker	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>A. epigaeae</i> Russell	-	-	-	-	-	-	-	-	-	-	-	-	-	NB	PE	NS	-	-	-
<i>A. plumosus</i> (Quaintance)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NF	-

Genus ALEYRODES Latreille

<i>A. asumaris</i> Shimer	-	-	-	-	-	-	-	-	ON	oc?	-	-	-	-	-	-	-	-	-
<i>A. spiraeoides</i> Quaintance iris whitefly	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Genus BEMISIA Quaintance & Baker

<i>B. argentifolii</i> Bellows & Perring	-	-	-	-	-	-	-	-	[ON]	-	-	-	-	[NS]	-	-	-	[G]	-
<i>B. tabaci</i> (Gennadius) sweet potato whitefly	-	-	-	-	-	-	-	-	[ON]	-	-	-	-	[NS]	-	-	-	[G]	-

Genus DIALEURODES Cockerell

<i>D. chitendeni</i> Laing	-	-	-	-	BC*	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Genus TRIALEURODES Cockerell

<i>T. merlini</i> (Bemis)	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>T. packardii</i>	-	-	-	-	-	-	-	-	ON	QC	-	-	-	-	-	-	-	-	-
<i>T. vaporariorum</i> (Westwood) greenhouse whitefly; aleurode des serres	-	-	-	-	BC*	[AB]	[SK]	[MB]	[ON]	[QC]	[NB]	-	[NS]	-	-	-	-	[G]	-

Infraorder Psyllodea

Superfamily Psylloidea

Keys to genera and species: Crawford 1914, Tuthill 1943 [North America].

Catalogue: Hodkinson 1988 [North America; synonymies, distribution and host summaries].

Psyllids, jumping plant lice. Adult psyllids are always winged with well developed venation, and have the hind legs adapted for jumping. Immature psyllids are dorsoventrally flattened; some secrete abundant wax. Females have a well developed valved ovipositor. Parthenogenetic reproduction is very rare. Almost all psyllids are restricted to a single host plant genus or species group.

The psyllid fauna of North America, and of Canada in particular, is poorly known: a disproportionate number of species are known from Alberta and Alaska due to recent collections by Hodkinson. A total of 147 resident species are listed here, compared to the 101 species known and 23 expected given by Scudder (1979).

The classification followed here is that of Burckhardt (1987). In this scheme, Aphalaridae, Liviidae and Spondyliaspidae are included in Psyllidae.

Family CALOPHYIDAE

A small family similar to Psyllidae, but with the break in the anal margin of the forewing distant from the apex of the proximal branch of the cubital vein. The species found in Canada is associated with *Rhus*.

Genus CALOPHYA Löw

C. triozomima Schwarz

- - - - - AB SK - ON - - - - -

Family PSYLLIDAE

Basal vein of forewing bifurcate, with radius diverging from the common basal vein before the separation of media and cubitus; thickening of anal margin of hind wing interrupted adjacent to apex of proximal branch of cubitus (Cu1b). Wingpads of larvae distinctly separated from thoracic terga. Basal tarsal segment of hind leg usually with one or two heavy black saltorial spines.

Generally free living, but feeding by some species causes folding or curling of the leaf of the host plant, and a few (Pachypsyllinae) form closed galls. A few serious pests of apple and pear are included in this family, but most species have little economic impact.

Subfamily ACIZZINAE

Genus ACCIZIA Heslop-Harrison

A. acaciaebaileyanae group

- - - - - \$ - - - - -

Subfamily APHALARINAE

Tribe Aphalarini

Genus APHALARA Förster

A. calthae (Linnaeus) complex

A. confusa Caldwell

A. curta Caldwell

A. dentata Caldwell

A. loca Caldwell

-	-	-	-	-	AB	SK	MB	ON	QC	-	-	-	-	-
-	-	-	-	-	AB	-	-	-	-	-	-	-	-	-
-	-	-	-	-	AB	-	-	-	-	-	-	-	-	-
-	-	-	-	-	AB	-	-	-	-	-	-	-	-	-
-	-	-	-	-	AB	-	MB	-	-	-	-	-	-	-

<i>Aphalara manitobaensis</i> Caldwell	AK	-	-	-	-	AB	-	MB	-	-	-	-	-	-	-	-	-
<i>A. monticola</i> Hodkinson	-	-	-	-	-	AB	-	-	-	-	-	-	-	-	-	-	-
<i>A. nigra</i> Caldwell	-	-	-	-	-	-	-	MB	-	-	-	-	-	-	-	-	-
<i>A. nubifera</i> Patch	AK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>A. persicariae</i> Caldwell	-	-	-	-	-	BC	-	-	-	-	-	PE?	-	-	-	-	-
<i>A. rumicis</i> Malley	-	-	-	-	-	BC	AB	SK	MB	-	QC	-	-	NS	-	-	-
<i>A. steironemicola</i> Richards	-	-	-	-	-	-	-	-	-	ON	-	NB	-	-	-	-	-

Genus CRASPEDOLEPTA Enderlein

Revision, key to species: Jourmet & Vickery 1979 [North America].

<i>C. angustipennis</i> (Crawford)	AK	YK	-	-	BC	AB	SK	-	ON	QC	-	-	-	-	-	-	-
<i>C. canadensis</i> Jourmet & Vickery	-	-	-	-	BC	AB	SK	-	ON	-	-	-	-	-	-	-	-
<i>C. flavida</i> (Caldwell)	-	-	-	-	-	AB	SK	MB	ON	QC	-	-	-	-	-	-	-
<i>C. fumida</i> (Caldwell)	-	-	-	-	BC	AB	SK	-	ON	QC	NB	-	NS	-	-	-	-
<i>C. furcata</i> (Caldwell)	AK	-	-	-	BC	AB	SK	MB	ON	QC	NB	-	NS	-	-	-	-
<i>C. gutierreziae</i> (Klyver)	-	-	-	-	-	AB?	-	-	-	-	-	-	-	-	-	-	-
<i>C. maculipilosa</i> Jourmet & Vickery	-	-	-	-	-	AB	SK	-	-	-	-	-	-	-	-	-	-
<i>C. magna</i> Jourmet & Vickery	-	-	-	-	-	AB	SK	MB	ON	QC	NB	PE	NS	-	-	-	-
<i>C. minuta</i> (Caldwell)	-	-	-	-	-	AB	SK	-	ON	QC	-	-	-	-	-	-	-
<i>C. minutissima</i> (Crawford)	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-
<i>C. nebulosa</i> (Zetterstedt)	AK	YK	NT	-	BC	AB	SK	MB	ON	QC	-	-	-	-	-	LB	-
<i>C. nota</i> Jourmet & Vickery	-	-	-	-	-	AB	-	MB	-	-	-	-	-	-	-	-	-
<i>C. ochracea</i> (Provancher)	-	-	-	-	-	-	-	-	-	QC	-	-	-	-	-	-	-
<i>C. parvula</i> Jourmet & Vickery	-	-	-	-	-	AB	SK	-	-	QC	NB	-	-	-	-	-	-
<i>C. schwarzi</i> (Ashmead)	AK	-	-	-	BC	AB	-	-	-	-	-	-	-	-	-	-	-
<i>C. scurra</i> Jourmet & Vickery	-	-	-	-	-	-	-	-	-	QC	-	-	NS	-	-	-	-
<i>C. sonchi</i> (Förster)	-	-	-	-	-	AB	SK	MB	ON	-	-	-	-	-	-	-	-
<i>C. subpunctata</i> (Förster)	AK	YK	-	-	BC	AB	SK	MB	ON	-	-	-	-	-	-	-	-
<i>C. vancouverensis</i> (Klyver)	-	-	-	-	BC	AB	-	-	-	-	-	-	-	-	-	-	-
<i>C. veaziei</i> (Patch)	-	-	-	-	BC	AB	SK	MB	ON	QC	NB	PE	-	-	-	-	-
<i>C. vulgaris</i> (Jourmet & Vickery)	-	-	-	-	BC	AB	SK	MB	ON	QC	NB	PE	NS	-	-	-	-

Subfamily ARYTAININAE**Genus ARYTAINILLA** Loginova

<i>A. spartiophila</i> (Förster)	-	-	-	-	BC*	-	-	-	-	-	-	-	-	-	-	-	-
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Subfamily DIAPHORININAE**Tribe Psyllopseini****Genus PSYLLOPSIS** Löw

<i>P. discrepans</i> (Flor)	-	-	-	-	-	-	-	-	ON*	-	-	-	NS*	-	-	-	-
<i>P. fraxini</i> (Linnaeus)	-	-	-	-	BC*	-	-	-	ON*	-	-	-	-	-	-	-	-
<i>P. fraxinicola</i> (Förster)	-	-	-	-	BC*	-	-	-	ON*	-	-	-	NS*	-	-	-	-

Subfamily EURYPHYLLURINAE**Genus NEOPHYLLURA** Loginova

<i>N. arbuti</i> (Schwarz)	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-
<i>N. arctostaphyli</i> (Schwarz)	-	-	-	-	BC	AB	SK	MB	-	-	-	-	-	-	-	-	-

Subfamily LIVIINAE

Genus LIVIA Latreille

<i>L. bifasciata</i> Provancher	-	-	-	-	-	-	-	-	QC	-	-	-	-	-
<i>L. caricis</i> Crawford	-	-	NT	-	BC	AB	-	-	QC	-	-	-	-	-
<i>L. coloradensis</i> Crawford	-	-	-	-	-	-	-	-	ON	-	-	-	-	-
<i>L. fimbriata</i> (Heslop-Harrison)	-	-	-	-	-	-	-	-	ON	-	-	-	-	-
<i>L. maculipennis</i> (Fitch)	-	-	-	-	-	-	-	-	ON	QC	-	-	-	-
<i>L. marginata</i> Patch	-	-	NT	-	-	-	-	-	ON	QC	-	-	-	-
<i>L. omisa</i> (Heslop-Harrison)	-	-	-	-	-	-	-	-	ON	-	-	-	-	-
<i>L. salatrix</i> Provancher	-	-	-	-	-	-	-	-	-	-	PE	-	-	-
<i>L. vernalis</i> (Fitch)	-	-	-	-	-	-	-	-	ON	QC	-	-	-	-

Subfamily PACHYPSYLLINAE

Genus PACHYPSYLLA Riley

<i>P. celtidisgemma</i> Riley	-	-	-	-	-	-	-	-	ON	-	-	-	-	-
<i>P. celtidismamma</i> (Fletcher)	-	-	-	-	-	-	-	-	ON	-	-	-	-	-
<i>P. celtidisvesiculum</i> Riley	-	-	-	-	-	-	-	-	ON	-	-	-	-	-

Subfamily PSYLLINAE

Genus CACOPSYLLA Ossiannilsson

<i>C. alaskensis</i> (Ashmead)	AK	-	-	-	-	-	-	MB	-	-	-	-	-	-
<i>C. alba</i> (Crawford)	-	-	-	-	-	AB	-	-	-	-	-	-	-	-
<i>C. americana</i> (Crawford)	-	-	-	-	-	AB	-	-	-	-	NS	-	-	-
<i>C. arctica</i> (Walker)	-	-	-	-	-	-	-	ON	-	-	-	-	-	-
<i>C. breviata</i> (Patch)	AK	-	-	-	-	-	-	ON	-	-	-	-	-	-
<i>C. brunnea</i> (Provancher)	-	-	-	-	-	-	-	QC	-	-	-	-	-	-
<i>C. coryli</i> (Patch)	-	-	-	-	BC	-	-	-	-	-	-	-	-	-
<i>C. dilonchi</i> (Caldwell)	-	-	-	-	AB	-	-	-	-	-	-	-	-	-
<i>C. fatsiae</i> (Jensen)	-	-	-	-	[BC]	-	-	-	-	-	-	-	-	-
<i>C. fibulata</i> (Crawford)	AK	-	-	-	AB	-	-	-	-	-	-	-	-	-
<i>C. groenlandica</i> (Šulc)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>C. haliaceti</i> (Hodkinson)	AK	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>C. hamata</i> (Tuthill)	AK	-	-	-	AB	-	-	-	-	-	-	-	-	-
<i>C. hartigii</i> (Flor)	-	-	-	-	AB	-	-	-	-	-	NS	-	-	-
<i>C. highwoodensis</i> (Hodkinson)	AK	-	-	-	AB	-	-	-	-	-	-	-	-	-
<i>C. jenseni</i> (Hodkinson)	AK	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>C. kananaskensis</i> (Hodkinson)	AK	-	-	-	AB	-	-	-	-	-	-	-	-	-
<i>C. latiforceps</i> (Tuthill)	-	-	-	-	BC?	-	-	-	-	-	-	-	-	-
<i>C. ledi</i> (Flor)	AK	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>C. longiforceps</i> (Hodkinson)	AK	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>C. macleani</i> (Hodkinson)	AK	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>C. magnicauda</i> (Crawford)	-	-	-	-	BC	AB	SK	MB	-	-	-	-	-	-
<i>C. mali</i> (Schmidberger) apple sucker; psylla du pommier	-	-	-	-	-	-	-	-	-	NB*	-	NS*	-	[A]
<i>C. minor</i> (Crawford)	AK	-	-	-	BC	AB	-	-	-	-	-	-	-	-
<i>C. myrtilli</i> (Wagner)	AK	-	-	-	AB	-	-	-	-	-	-	-	-	-
<i>C. negundinis</i> (Malley) boxelder psyllid; psylla de l'érable négondo	-	-	-	-	AB	-	MB	-	-	-	-	-	-	-
<i>C. palmeni</i> (Löw)	AK	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>C. parallela</i> (Crawford)	-	-	-	-	BC?	-	-	-	-	-	-	-	-	-
<i>C. peregrina</i> (Förster)	-	-	-	-	BC*	-	-	-	-	-	-	-	-	[O]
<i>C. phlebophyllae</i> (Hodkinson)	AK	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>C. pyricola</i> (Förster) pear psylla; psylla du poirier	-	-	-	-	BC*	-	-	ON*	-	NB*	-	NS*	-	[A]

<i>Cacopsylla rara</i> (Tuthill)	AK	-	-	-	-	AB	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>C. rufipennis</i> (Hodkinson)	AK	-	-	-	-	AB	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>C. septentrionalis</i> (Šulc)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>C. sinuata</i> (Crawford)	AK	-	-	-	-	AB	-	MB	ON	-	-	-	-	-	-	-	-	-	-
<i>C. striata</i> (Patch)	AK	-	-	-	BC	AB	-	-	-	QC	-	-	-	NS	-	-	-	-	-
<i>C. stricklandi</i> (Caldwell)	AK	-	-	-	BC?	AB	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>C. subspiculata</i> (Hodkinson)	-	-	-	-	-	AB	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>C. toolikensis</i> (Hodkinson)	AK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>C. tuthilli</i> (Caldwell)	-	-	-	-	-	AB	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>C. zaecevi</i> (Šulc)	AK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Genus EUGLYPTONEURA Heslop-Harrison

<i>E. fuscipennis</i> (Crawford)	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>E. robusta</i> (Crawford)	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Genus PSYLLA Geoffroy

<i>P. alni</i> (Linnaeus)	-	-	-	-	BC*	AB*	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>P. betulae</i> (Linnaeus)	-	-	-	-	-	AB*	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>P. betulaenanae</i> Ossiannilsson	AK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>P. carpinicola</i> Crawford	-	-	-	-	-	-	-	-	-	QC	-	-	NS	-	-	-	-	-	-
<i>P. caudata</i> Crawford	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>P. floccosa</i> Patch	AK	-	-	-	BC	AB	-	MB	ON	QC	-	-	NS	NF	-	-	-	-	-
<i>P. sanguinea</i> (Provancher)	-	-	-	-	BC	AB	-	MB	ON	QC	-	-	NS	NF	-	-	-	-	-
<i>P. viridescens</i> (Provancher)	-	-	-	-	BC	-	SK	MB	ON	QC	-	-	NS	-	-	-	-	-	-

Genus PURSHIVORA Heslop-Harrison

<i>P. pubescens</i> Crawford	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Family TRIOZIDAE

Radius, media and cubitus of forewing diverging from common basal vein at the same point (basal vein trifurcate). Wingpads of larvae fused with thoracic terga. Basal tarsal segment of hind leg without saltorial spines.

Larvae of many species found within a depression in the host leaf; some cause extensive shoot or leaf distortion, and a few form galls. Most species are of no economic significance, but the potato psylla, *Paratrioza cockerelli* is an important vector of virus diseases of potatoes and tomatoes in the west.

Subfamily TRIOZINAE**Tribe Triozini****Genus NEOTRIOZELLA** Crawford

<i>N. pyrifolii</i> (Forbes)	-	-	-	-	-	-	-	ON	-	-	-	-	-	-	-	-	-	-	-
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Genus PARATRIOZA Crawford

<i>P. arbolensis</i> Crawford	-	-	-	-	-	AB	SK	-	-	-	-	-	-	-	-	-	-	-	-
<i>P. cockerelli</i> (Šulc) potato (or tomato) psyllid; psylle de la tomate	-	-	-	-	BC	AB	SK	-	-	QC	-	-	-	-	-	-	-	-	[A]

Genus TRIOZA Förster

<i>T. albifrons</i> Crawford	AK	YK	-	-	BC	AB	-	MB	-	-	-	-	-	-	-	-	-	-	-
<i>T. arctica</i> Hodkinson	AK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>T. atkasookensis</i> Hodkinson	AK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>T. aylmeriae</i> Patch	-	-	-	-	-	-	-	-	ON	QC	-	PE	-	-	-	-	-	-	-
<i>T. chenopodii</i> Reuter	-	-	-	-	-	-	-	-	-	-	-	PE*	-	-	-	-	-	-	-
<i>T. forcipula</i> Patch	-	-	-	-	-	-	-	-	-	QC	-	PE	-	-	-	-	-	-	-

<i>Trioza frontinalis</i> Crawford	-	-	-	-	BC	AB	SK	MB	ON	QC	-	-	-	-	-
<i>T. incerta</i> Tuthill	AK	YK	NT	-	BC	-	-	-	-	-	-	-	-	-	-
<i>T. inversa</i> Tuthill	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
<i>T. longicornis</i> Crawford	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
<i>T. minuta</i> Crawford	-	-	-	-	-	AB	-	-	-	-	-	-	-	-	-
<i>T. mira</i> Tuthill	-	-	-	-	-	-	SK	-	-	-	-	-	-	-	-
<i>T. obtusa</i> Patch	-	-	-	-	-	AB	-	-	ON	QC	-	-	NS	-	-
<i>T. occidentalis</i> Tuthill	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
<i>T. pletschi</i> Tuthill	-	-	-	-	-	AB	-	-	-	-	-	-	-	-	-
<i>T. quadripunctata</i> Crawford	-	-	-	-	BC	AB	-	-	-	-	-	-	-	-	-
<i>T. salicivora</i> Reuter	AK	YK	NT	-	BC	AB	SK	MB	ON	QC	-	-	-	-	-
<i>T. shepherdiae</i> Tuthill	-	-	NT	-	BC	AB	SK	MB	-	QC	-	-	-	-	-
<i>T. stylifera</i> Patch	AK	-	-	-	-	-	-	MB	ON	-	-	-	-	-	-
<i>T. sulcata</i> Crawford	-	-	-	-	-	AB	-	-	-	-	-	-	-	-	-
<i>T. tripunctata</i> (Fitch)	-	-	-	-	-	-	-	-	ON	QC	-	-	-	-	-
<i>T. varians</i> Crawford	AK	-	-	-	BC	AB	-	MB	-	QC	-	-	-	-	-

Infraorder Aphidodea

Key to genera: Footitt & Richards 1993 [Canada].

Bibliographies: Sharma 1969, 1971, 1972, 1977.

Aphids, plant lice; pucerons. The aphids are primarily northern temperate zone insects. The life cycle is characterized by alternation of sexual and asexual reproduction (although the sexual generation has been lost by some species) and alary polymorphism (both winged and wingless forms within a species). About 10% of aphid species show alternation of hosts, with sexual generations and two or more subsequent asexual generations occurring on one host (usually a woody perennial) and remaining asexual generations on other (usually herbaceous) plants. Host specificity is generally fairly high among aphids, most being restricted to a single genus or family of plants, although a few have a very broad range of acceptable food plants. Host-alternating forms generally show strong specificity in their sexual generation, but are often more eclectic in their acceptance of summer hosts.

There are several fairly well defined groups of aphids, but the interrelationships among these groups is poorly understood, and the appropriate taxonomic level to which they should be assigned subject to debate. The classification used here is essentially that of Heie (1980). The major groups are given family ranking. Superfamily Aphidoidea is equivalent to the family Aphididae, or Aphididae + Eriosomatidae of most general entomology texts, the phylloxerans and adelgids being placed in a separate superfamily, Phylloxeroidea. See Heie (1980) and Ilharco & van Harten (1987) for summaries of the history of the higher classification of aphids.

Superfamily Phylloxeroidea

Keys to species: Blackman & Eastop 1994 [world].

Parthenogenetic as well as sexual females lay eggs, and a sclerotized ovipositor may be present. The distal antennal segment does not have a distinct terminal process; primary and secondary antennal rhinaria are not distinguished and are usually absent in larvae and apterous forms; siphunculi never present; ninth tergum not forming a differentiated supra-anal structure.

Family ADELGIDAE

List of species: Carter 1971 [world (as appendix to treatment of British species)].

Revision and key to species: Annand 1928 [North America].

Adelgids; conifer woolly aphids. This is a small group with only 50 species world-wide. All species feed on conifers, particularly the foliage or twigs. Many species exhibit complex heteroecious (host-alternating) life cycles, forming shoot galls on the primary host, spruce, and alternating to some other conifer. Several species are important forest pests.

Antennae of apterae with 3-4 segments, of alatae with 5 segments; each flagellar segment of alatae with a single large rhinarium; preapical setae of distal tarsal segments acuminate; pretarsal setae acuminate to weakly capitate; wax glands aggregated into faceted plates; female with well developed sclerotic ovipositor.

Subfamily ADELGINAE

Genus ADELGES Vallot

(Subgenus ADELGES Vallot)

A. laricis Vallot - - - - - ON* QC* NB* - - - -
pale spruce gall adelgid; puceron à galle pâle de l'épinette

(Subgenus CHOLODKOVSKYA Börner)

A. oregonensis Annand - - - - BC - - - - -

(Subgenus GILLETTELLA Börner)

A. cooleyi (Gillette) - YK - - BC AB SK MB - QC* - - NS* - -
Cooley spruce gall adelgid; puceron de l'épinette de Sitka

(Subgenus APHRASTASIA Börner)

A. tsugae Annand - - - - BC* - - - - -
hemlock adelgid; puceron lanigère de la pruche

(Subgenus SACCHIPHANTES Curtis)

A. abietis (Linnaeus) - - - - BC* - - - - ON* QC* NB* - - - -
eastern spruce gall adelgid; puceron à galle conique de l'épinette

A. lariciatus (Patch) - - - - BC AB SK MB ON QC NB - NS - -
spruce gall adelgid; puceron gallicole de l'épinette

(Subgenus DREYFUSIA Börner)

A. nordmannianae (Eckstein) - - - - BC* - - - - -

A. piceae (Ratzeburg) - - - - BC* - - - - QC* NB* PE* NS* NF* - [F]
balsam woolly aphid (or adelgid); puceron lanigère du sapin

Subfamily PINEINAE

Genus PINEUS Shimer

(Subgenus PINEUS Shimer)

P. abietinus Underwood & Balch - - - - BC - - - - -

P. cembrae (Cholodkovsky) - - - - BC? - - - - - [F]

P. coloradensis (Gillette) - - - - BC AB - - ON - NB - NS - - [F]

P. englemanni Annand - - - - BC - - - - - [F]

P. floccus (Patch) - - - - - - - - NS - -
red spruce adelgid; puceron de l'épinette rouge

P. pineoides (Cholodkovsky) - - - - - - - - NB* - NS* - -

P. similis (Gillette) - - - - BC AB SK MB ON - NB - - - - [F]
ragged spruce gall adelgid; puceron à galle allongée de l'épinette

P. strobi (Hartig) - - - - - - - - ON QC NB - NS - -
pine bark adelgid; puceron de l'écorce du pin

P. sylvestris Annand - - - - BC - - - - ON - - - - -

(Subgenus PINEODES Börner)

P. pinifoliae (Fitch) - - - - BC AB - MB ON QC NB - NS NF - [F]
pine leaf adelgid; puceron des aiguilles du pin

Family PHYLLOXERIDAE

Phylloxerans. Members of this small group of minute insects feed on woody deciduous plants, many forming galls on the foliage. The grape phylloxera is major pest of grape. Other species occasionally cause problems on ornamental oaks and in pecan culture.

The systematics of the family is poorly known. The genus *Phylloxera*, as it is currently used in North America, is somewhat heterogenous and assignment of many of its members to other genera is likely. Scudder (1979) indicated that 6 phylloxerid species were known from Canada based on literature records, but the exact identity and status of three of the species included in that total is uncertain.

Genus DAKTULOSPHEIRA Shimer

D. vitifoliae (Fitch) - - - - BC* - - - ON QC - - - - [A]
grape phylloxera; phylloxere de la vigne

Genus PHYLLOXERA Boyer de Fonscolombe

P. caryaecaulis (Fitch) - - - - - ON - - - - -
P. caryaefoliae Fitch - - - - - ON? - - - - -
P. caryaeglobuli Walsh - - - - - ON? - - - - -
P. caryaevenae Fitch - - - - - ON? - - - - -
P. corticis Kalthenbach - - - - BC* - - - - -
P. glabra (von Heyden) - - - - BC* - - - - -

Genus PHYLLOXERINA Börner

P. popularia Pergande - - - - BC AB SK - - QC - - - - -

Superfamily Aphidoidea

Key to genera: Footitt & Richards 1993 [Canada].

Keys to species: Blackman & Eastop 1984 [world, species of agricultural importance], Blackman & Eastop 1994 [world, species on trees].

Regional guides: Gualtieri & McLeod 1994 [southwestern Ontario, alatae], Smith 1992 [southeastern USA, alatae]. Because many of our common aphids are introductions from Europe, the following are also useful: Heie 1980, 1982, 1986, 1992, 1994, 1995 [Scandinavia], Stroyan 1977, 1984 [Britain], Brown 1989 [northern Europe, alatae], Remaudière & Seco 1990 [southern Europe, alatae].

Regional lists: Footitt & Maw 1997 [Yukon], Robinson 1979 [Yukon, Mackenzie district, Alaska], Forbes & Chan 1989a, 1989b, 1991, 1993 [BC], Harper & Bradley 1987 [Alberta], Robinson & Lamb 1991 [Manitoba], Quednau 1966 [Québec]; Burnham (Adams) 1938, MacGillivray 1952, 1955 [Maritime provinces; note: the list of species and host records in the M.E. MacGillivray collection (Pelletier & Boiteau 1986) represents collections mainly from New Brunswick but also from elsewhere in the world], Archibald 1958 [Nova Scotia].

Bibliographies: Börner 1952, Szelegiewicz 1969, Smith 1972 with supplement in Smith & Parron 1978; Sharma 1969, 1971, 1972, 1977.

Catalogues: Eastop & Hille Ris Lambers 1976 [world; list with synonymy], Smith & Parron 1978 [North America; synonymy, type information, distributional summaries], Remaudière & Remaudière 1997 [world].

The aphid fauna of some regions of Canada is very poorly known, while that of others is comparatively well known thanks to the efforts of a few people, notably A.R. Forbes and Cho-Kai Chan in the Vancouver area, A.M. Harper in southern Alberta, A.G. Robinson in Manitoba and Ellen MacGillivray in New Brunswick. We list here 806 species established (plus 7 recorded only from Alaska and 4 unestablished interceptions), a substantial increase from the count given by Scudder (1979) of 650 confirmed and 50 estimated additional species for Canada. An unusually large proportion of these species, about 20%, represent introductions to North America.

Parthenogenetic females give birth to live young, and sclerotized ovipositors are not present. The terminal sensory setae of the antenna are generally borne on a narrow extension (sometimes very long) of the last antennal segment; antennal rhinaria (thin-walled chemosensory areas) are present at the apex of the two distal segments in all forms (including larvae), with additional rhinaria (secondary rhinaria) usually present elsewhere on the antennae of adults only (almost always present in winged forms and in males); siphunculi usually present; ninth abdominal tergum modified into a supra-anal lobe (cauda) (sometimes much reduced, but usually still recognizable).

Family ANOECIIDAE

A small family, with one Holarctic genus of 22 species, and one genus (which may not in fact be closely related) limited to southeast Asia. *Anoecia* species alternate between foliage of *Cornus* species and roots of various herbaceous plants.

Head and prothorax of apterae fused medially; eyes (except triommatidia) absent in immature apterae, present or absent in adult apterae; antennae with 6 segments; terminal process shorter than base of ultimate antennal segment; secondary rhinaria round; basal tarsal segments triangular; apical setae of distal tarsal segments acuminate; pretarsal setae acuminate; lateral thin-walled tubercles present; siphunculi with setose conical bases; anal plate entire; cauda lunate; oviparae and males apterous.

Genus ANOECIA Koch

Key: Halbert 1991 [North America].

<i>A. corni</i> (Fabricius)	-	-	-	-	BC*	-	-	-	ON*	-	-	PE*	-	-	-
<i>A. cornicola</i> (Walsh)	-	-	-	-	-	-	-	-	MB	-	QC	-	-	-	-
<i>A. graminis</i> Gillette & Palmer	-	-	-	-	-	-	-	-	MB	-	-	-	-	-	-
<i>A. oenotherae</i> Wilson	-	-	-	-	-	-	-	-	MB	ON	-	-	-	-	-
<i>A. setariae</i> Gillette & Palmer	-	-	-	-	-	-	-	-	MB	-	QC	-	PE	-	-

Family APHIDIDAE

This is by far the largest family of aphids, and includes most of the economically important species. Host plants are usually angiosperms (among which the Rosaceae and Compositae figure prominently), but there are species which feed on mosses, ferns, horsetails and conifers. Host-alternating species often cause distortion of leaves and new shoots of the primary host (usually a woody plant). Most species are monoecious (non-alternating) and holocyclic (include a sexual stage in the annual life cycle), but many of the pest species are exclusively or facultatively anholocyclic (continuously asexual).

The family is usually divided into two subfamilies, one (Pterocommatinae) small and restricted to Salicaceae, the other (Aphidinae) large and biologically diverse. The Aphidinae currently consist of two tribes, the Aphidini and Macrosiphini, defined by the relative position of spiracles and of lateral tubercles.

One species (*Aphis chloris*) has been introduced for biological control of the weed Saint-Johns wort.

Head and prothorax of apterae separate; eyes of apterae present; antennae of adults with 6 (rarely 4 or 5) segments; secondary rhinaria round; terminal process usually at least as long as basal part of ultimate antennal segment (usually much longer); tibiae usually without rastral structures; basal tarsal segments triangular; apical setae of distal tarsal segments acuminate; pretarsal setae acuminate; lateral and dorsal thin-walled tubercles present or absent; wax glands dispersed, not aggregated into discrete structures; siphunculi usually cylindrical or somewhat swollen between base and apex (rarely poriform or absent); anal plate entire; cauda various (crescentic to elongate); oviparous females apterous, males alate or apterous.

Subfamily APHIDINAE

Tribe Aphidini

Genus APHIS Linnaeus

Keys: Rojanavongse & Robinson 1977 [Manitoba], Cook 1984 [on Compositae; North America], Robinson & Chen 1969 [on *Cornus*; North America], Robinson & Rojanavongse 1976 [on Umbelliferae; North America], Robinson & Rojanavongse 1976 [on *Ribes*; North America].

(Subgenus APHIS Linnaeus)

<i>A. armoraciae</i> Cowen	-	-	-	-	BC	AB	-	MB	-	QC	-	-	-	-	-
<i>A. asclepiadis</i> Fitch	-	-	-	-	BC	-	-	MB	-	-	-	PE	-	-	-
<i>A. astragalina</i> H.R.L.	AK	-	-	-	-	AB	-	MB	-	-	-	-	-	-	-
<i>A. callunae</i> Theobald	-	-	-	-	BC*	-	-	-	-	-	-	-	-	-	-
<i>A. ceanothi</i> Clarke	-	-	-	-	BC	-	-	MB	-	-	-	-	-	-	-
<i>A. chani</i> Robinson	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-

<i>Aphis chloris</i> Koch	-	-	-	-	BC*	-	-	-	-	-	-	-	-	NS*	-	-	[b]
<i>A. coreopsidis</i> (Thomas)	-	-	-	-	-	-	-	-	ON	QC	NB	-	-	-	-	-	
<i>A. cornifoliae</i> Fitch	-	-	-	-	-	-	-	MB	ON	QC	NB	-	-	-	-	-	
<i>A. coweni</i> Palmer	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	
<i>A. craccae</i> Linnaeus	-	-	-	-	BC*	-	-	MB*	ON*	QC*	NB*	PE*	NS*	NF*	-	-	
<i>A. craccivora</i> Koch cowpea aphid; puceron de la goummane	-	-	-	-	BC*	AB*	SK*	-	ON*	QC*	NB*	-	-	-	-	-	
<i>A. cytisorum</i> Hartig	-	-	-	-	BC*	-	-	-	-	-	-	-	-	-	-	-	
<i>A. decepta</i> Hottes & Frison	-	-	-	-	-	-	SK	MB	ON	-	NB	-	-	-	-	-	
<i>A. duckmountainensis</i> Robinson	-	-	-	-	-	-	-	MB	-	-	-	-	-	-	-	-	
<i>A. epilobii</i> Kaltenbach	-	-	NT*	-	BC*	-	-	-	-	-	-	-	-	-	-	-	
<i>A. equiseticola</i> Ossiannilsson	-	-	-	-	BC*	-	-	-	-	-	-	-	-	-	-	-	
<i>A. fabae</i> Scopoli [sensu lato] black bean aphid; puceron noir des fèves	-	-	-	-	BC*	AB*	SK*	MB*	ON*	QC*	NB*	PE*	NS*	-	-	-	[A]
<i>A. farinosa</i> Gmelin	AK	YK	NT	-	BC	AB	SK	MB	ON	QC	NB	-	NS	NF	-	-	
<i>A. folsomii</i> J.J. Davis	-	-	-	-	-	-	-	-	ON	-	-	-	NS	-	-	-	
<i>A. forbesi</i> Weed	-	-	-	-	BC	AB	-	MB	ON	-	NB	-	NS	-	-	-	
<i>A. galiiscabri</i> Schrank	-	-	-	-	BC*	-	-	-	-	-	-	-	-	-	-	-	
<i>A. genistae</i> Scopoli	-	-	-	-	BC*	-	-	-	-	-	-	-	-	-	-	-	
<i>A. gossypii</i> Glover melon aphid; puceron du melon	-	-	-	-	BC*	AB*	-	MB*	ON*	QC*	NB*	PE*	-	-	-	-	[AG]
<i>A. hamamelidis</i> Pepper	-	-	-	-	-	-	-	-	-	-	-	-	NS	-	-	-	
<i>A. hederæ</i> Kaltenbach	-	-	-	-	BC*	-	-	-	ON*	-	-	-	-	-	-	-	
<i>A. helianthi</i> Monell	AK	YK	-	-	BC	AB	SK	MB	ON	QC	NB	-	NS	-	-	-	[A]
<i>A. holodisci</i> Robinson	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	
<i>A. idaei</i> van der Goot	-	-	-	-	BC*	-	-	-	-	-	-	-	-	-	-	-	[r]
<i>A. illinoisensis</i> Shimer	-	-	-	-	-	-	-	-	ON	-	-	-	-	-	-	-	
<i>A. impatientis</i> Thomas	-	-	-	-	-	-	-	-	ON	-	-	-	-	-	-	-	
<i>A. knowltoni</i> Hottes & Frison	-	-	-	-	-	-	SK	MB	-	-	-	-	-	-	-	-	
<i>A. lugentis</i> Williams	AK	-	NT	-	BC	-	-	MB	-	-	-	-	-	-	-	-	
<i>A. lupini</i> Gillette & Palmer	-	-	-	-	BC	AB	-	-	-	-	-	-	-	-	-	-	
<i>A. maculatae</i> Oestlund spotted poplar aphid; puceron tacheté du peuplier	-	-	NT	-	BC	AB	SK	MB	ON	QC	NB	-	NS	-	-	-	
<i>A. madderæ</i> Robinson	-	-	-	-	-	-	-	MB	-	-	-	-	-	-	-	-	
<i>A. maidiradicis</i> Forbes	-	-	-	-	-	-	-	-	ON	-	NB	-	-	-	-	-	[A]
<i>A. manitobensis</i> Robinson & Rojanavongse	-	-	-	-	-	-	-	MB	ON	-	-	-	-	-	-	-	
<i>A. masoni</i> Richards	AK	YK	NT	NU	-	-	-	MB	-	-	-	-	-	-	-	-	
<i>A. middletoni</i> Thomas	-	-	-	-	-	-	-	-	-	NB	-	-	-	-	-	-	
<i>A. mimuli</i> Oestlund	-	YK	-	-	-	-	-	MB	-	QC	-	-	-	-	-	-	
<i>A. nasturtii</i> Kaltenbach buckthorn aphid; puceron du nerprun	-	-	NT*	-	BC*	AB*	-	MB*	-	QC*	NB*	PE*	NS*	-	-	-	[A]
<i>A. neilliae</i> Oestlund	-	-	-	-	BC	-	-	-	ON	QC	-	-	-	-	-	-	
<i>A. neogillettei</i> Palmer	AK	-	-	-	-	-	SK	MB	-	QC	NB	-	NS	NF	-	-	
<i>A. neomonardae</i> Rojanavongse & Robinson	-	-	-	-	-	-	-	MB	ON	-	-	-	-	-	-	-	
<i>A. nerii</i> Boyer de Fonscolombe	-	-	-	-	-	-	-	MB*	ON*	QC*	-	-	-	-	-	-	
<i>A. nigratibialis</i> Robinson	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	
<i>A. nivalis</i> H.R.L.	-	-	NT	NU	-	-	-	MB	-	-	-	-	-	-	-	-	
<i>A. oenotheræ</i> Oestlund	AK	-	-	-	BC	AB	SK	MB	ON	QC	NB	-	NS	NF	LB	-	
<i>A. oestlundi</i> Gillette	-	-	-	-	-	-	-	MB	-	-	NB	-	-	-	-	-	
<i>A. pomi</i> DeGeer apple aphid; puceron vert du pommier	-	-	-	-	BC*	AB*	-	MB*	ON*	QC*	NB*	PE*	NS*	NF*	-	-	[A]
<i>A. praeterita</i> Walker	-	-	-	-	BC*	-	-	-	-	QC*	-	-	-	-	-	-	
<i>A. ribiensis</i> Gillette & Palmer	-	YK	-	-	BC	AB	-	MB	-	QC	-	-	-	-	-	-	
<i>A. rubicola</i> Oestlund raspberry aphid	AK	YK	-	-	-	-	-	MB	ON	QC	NB	PE	NS	-	-	-	
<i>A. rubifolii</i> (Thomas)	-	-	-	-	-	-	-	MB	ON	-	NB	PE	NS	-	-	-	
<i>A. rubiradicis</i> Robinson	-	-	-	-	-	-	SK	-	-	-	-	-	-	-	-	-	
<i>A. rumicis</i> Linnaeus	-	-	NT*	-	BC*	-	SK*	MB*	ON*	-	NB*	PE*	NS*	-	-	-	
<i>A. salicariae</i> Koch	AK	-	NT	-	BC	-	-	MB	-	QC	NB	-	-	-	NF	-	

<i>Aphis sambuci</i> Linnaeus	-	-	-	-	BC*	AB*	-	-	ON*	QC*	NB*	-	-	-	-
<i>A. saniculae</i> Williams	-	-	-	-	-	-	-	-	MB	-	-	-	-	-	-
<i>A. sedi</i> Kaltenbach	-	-	-	-	BC*	-	-	-	MB*	ON*	-	NB*	-	-	-
<i>A. spiraecola</i> Patch	-	-	-	-	BC	AB	-	-	MB	ON	QC	NB	-	-	[A]
<i>A. spiraephila</i> Patch	-	-	-	-	BC	-	-	-	MB	ON	QC	NB	-	NS	-
<i>A. taraxacicola</i> (Börner)	-	-	-	-	-	-	-	-	-	QC	-	-	-	-	-
<i>A. thaspii</i> Oestlund	-	-	-	-	-	-	-	-	MB	-	-	-	-	-	-
<i>A. valerianae</i> Cowen	-	-	-	-	BC?	-	-	-	-	-	-	-	-	-	-
<i>A. varians</i> Patch	AK	YK	NT	-	BC	AB	SK	MB	-	QC	NB	-	-	-	-
<i>A. viburniphila</i> Patch	-	-	-	-	-	-	-	-	MB	ON	QC	NB	-	NS	-
<i>A. whiteshellensis</i> Robinson	-	-	-	-	-	-	-	-	MB	-	-	-	-	-	-
(Subgenus ZYXAPHIS Knowlton)															
<i>A. canae</i> (Williams)	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
<i>A. chrysothamni</i> (Wilson)	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
<i>A. crypta</i> (Pack & Knowlton)	-	-	-	-	-	-	-	-	-	-	-	NB?	-	-	-
<i>A. hermistonii</i> (Wilson)	-	-	-	-	BC?	-	-	-	-	-	-	-	-	-	-
<i>A. oregonensis</i> (Wilson)	-	-	-	-	BC?	-	-	-	-	-	-	-	-	-	-

Genus ASIPHONAPHIS Wilson

Key: Robinson 1964.

<i>A. pruni</i> Wilson	-	-	-	-	BC	AB	SK	MB	ON	-	-	PE	-	-	-
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Genus HYALOPTERUS Koch

<i>H. pruni</i> (Geoffroy) mealy plum aphid; puceron farineux du prunier	-	-	-	-	BC*	-	SK*	MB*	ON*	-	NB*	-	-	-	[A]
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Genus HYSTERONEURA J.J. Davis

<i>H. setariae</i> (Thomas)	-	-	-	-	-	-	-	-	MB	ON	-	-	-	-	-
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Genus MISTURAPHIS Robinson

<i>M. shiloensis</i> Robinson	-	-	-	-	-	-	-	-	MB	-	-	-	-	-	-
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Genus RHOPALOSIPHUM Koch

Key: Richards 1960.

<i>R. cerasifoliae</i> (Fitch)	AK	-	-	-	BC	AB	SK	MB	ON	QC	NB	-	NS	-	-
<i>R. enigmae</i> Hottes & Frison	-	-	-	-	BC	AB	SK	MB	ON	QC	NB	-	-	-	-
<i>R. insertum</i> (Walker) apple-grain aphid; puceron des graminées	AK*	-	-	-	BC	-	SK	MB	ON	QC	NB	PE	NS	-	[A]
<i>R. maidis</i> (Fitch) corn leaf aphid; puceron du maïs	-	-	NT*	-	BC*	AB*	SK*	MB*	ON*	QC*	NB*	PE*	NS*	-	[A]
<i>R. musae</i> (Schouteden)	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
<i>R. nigrum</i> Richards	-	YK	-	-	-	-	-	MB	ON	-	NB	-	-	NF	-
<i>R. nymphaeae</i> (Linnaeus)	-	-	-	-	BC*	-	-	MB*	ON*	QC*	NB*	-	-	-	[A]
<i>R. padi</i> (Linnaeus) oat-birdcherry aphid; puceron bicolore des céréales	AK*	-	-	-	BC*	AB*	-	MB*	ON*	QC*	NB*	PE*	NS*	-	-
<i>R. padiforme</i> Richards	AK	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
<i>R. rufiabdominale</i> Sasaki	-	-	-	-	BC*	-	-	-	ON*	-	-	-	-	-	-
<i>R. rufulum</i> Richards	-	-	-	-	-	-	-	MB	ON	-	-	-	-	-	-

Genus SCHIZAPHIS Börner

Key to species: Eastop 1961.

(Subgenus EUSCHIZAPHIS Hille Ris Lambers)

<i>S. longicomis</i> (Richards)	-	-	-	NU	-	-	-	-	-	-	-	-	-	-	-
<i>S. palustris</i> (Theobald)	-	-	-	-	BC*	-	-	-	-	QC*	-	-	-	-	-

(Subgenus PARASCHIZAPHIS Hille Ris Lambers)

<i>S. scirpi</i> (Passerini)	-	-	-	-	-	-	-	-	-	-	NB?	-	-	-	-
<i>S. scirpicola</i> (H.R.L.)	-	-	-	-	-	-	-	-	-	-	NB	-	NS	-	-

(Subgenus SCHIZAPHIS Börner)

<i>Schizaphis graminis</i> Richards	-	-	-	NU	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>S. graminum</i> (Rondani)	-	-	NT	-	BC	AB	-	MB	ON	QC	NB	-	NS	-	-	-	[A]
greenbug; puceron vert des graminées																	
<i>S. phlei</i> Orlöb	-	-	-	-	-	-	-	-	-	-	NB	-	-	-	-	-	-
<i>S. viridirubra</i> (Gillette & Palmer)	-	-	-	-	-	-	-	MB	-	QC	-	-	-	-	-	-	-

Genus TOXOPTERA Koch

<i>T. aurantii</i> (Boyer de Fonscolombe)	-	-	-	-	-	-	-	-	-	Q	-	-	-	-	-	-	-
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Genus APHTHARGELIA Hottes

<i>A. symphoricarpi</i> (Thomas)	-	-	-	-	BC	AB	SK	MB	-	-	-	-	-	-	-	-	-
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Tribe Macrosiphini

Genus ABSTRUSOMYZUS Jensen & Støetzel

Key to species: Jensen & Støetzel 1999.

<i>A. phloxae</i> (Sampson)	-	-	-	-	BC	-	-	-	-	QC	-	-	-	-	-	-	-
<i>A. valuliae</i> (Robinson)	-	-	-	-	-	AB	-	MB	-	-	-	-	-	-	-	-	-

Genus ACUTICAUDA Hille Ris Lambers

<i>A. asterensis</i> (Gillette & Palmer)	-	-	-	-	-	-	-	-	-	QC	-	-	-	-	-	-	-
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Genus ACYRTHOSIPHON Mordvilko

Key: Eastop 1971 [world], Richards 1972d [Canada].

(Subgenus ACYRTHOSIPHON Mordvilko)

<i>A. assiniboinensis</i> Robinson	AK	YK	NT	-	-	-	-	MB	-	-	-	-	-	-	-	-	-
<i>A. borealis</i> H.R.L.	-	-	-	NU	-	-	-	-	-	QC	-	-	-	-	-	-	-
<i>A. brachysiphon</i> H.R.L.	-	-	-	NU	-	-	-	MB	-	-	-	-	-	-	-	-	-
<i>A. brevicornis</i> H.R.L.	-	-	-	NU	-	-	-	MB	-	-	-	-	-	-	-	-	-
<i>A. caraganae</i> (Cholodkovsky)	AK*	YK*	-	-	BC*	AB*	SK*	MB*	ON*	QC*	NB*	-	NS*	-	-	-	-
caragana aphid; puceron du caragan																	
<i>A. churchillensis</i> Robinson	-	YK	NT	-	-	-	-	MB	-	-	-	-	-	-	-	-	-
<i>A. lactucae</i> (Passerini)	-	-	-	-	BC*	AB*	SK*	MB*	-	QC*	-	-	-	-	-	-	-
<i>A. macrosiphum</i> (Wilson)	-	-	-	-	BC	AB	SK	-	-	-	-	-	-	-	-	-	-
<i>A. malvae malvae</i> (Mosley)	-	-	-	-	BC*	-	-	-	ON*	-	-	PE*	-	-	-	-	-
<i>A. malvae rogersi</i> (Theobald)	-	-	-	-	BC*	-	-	-	-	-	-	-	-	-	-	-	-
<i>A. pisum</i> (Harris)	-	-	-	-	BC*	AB*	SK*	MB*	ON*	QC*	NB*	PE*	NS*	-	-	-	[A]
pea aphid; puceron du pois																	
<i>A. pseudodirhodus</i> (Patch)	-	-	-	-	BC	-	-	MB	-	-	NB	-	NS	-	-	-	-
<i>A. purshiae</i> (Palmer)	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-

Genus ALPHITOAPHIS Hottes

<i>A. lonicericola</i> (Williams)	-	-	-	-	-	-	-	MB	-	-	-	-	-	-	-	-	-
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Genus AMPHICERCIDUS Oestlund

<i>A. flocculosus</i> (Gillette & Palmer)	-	-	-	-	-	-	-	-	-	QC	-	-	-	-	-	-	-
<i>A. pulverulens</i> (Gillette)	-	-	-	-	BC	-	SK	-	-	QC	-	-	-	-	-	-	-

Genus AMPHOROPHORA Buckton

<i>A. agathonica</i> Hottes	AK	YK	NT	-	BC	AB	-	MB	ON	QC	NB	PE	NS	-	-	-	-
<i>A. ampullata</i> Buckton	-	-	-	-	-	-	SK	MB	ON	QC	NB	PE	-	NF	-	-	-
<i>A. forbesi</i> Richards	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-
<i>A. geranii</i> Gillette & Palmer	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-
<i>A. parviflori</i> Hill	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-
<i>A. rossi</i> Hottes & Frison	-	-	-	-	BC	-	-	-	-	QC	NB	-	-	-	-	-	-
<i>A. rubitoxica</i> Knowlton	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-
<i>A. sensoriata</i> Mason	-	-	-	-	-	-	-	-	-	QC	-	-	-	-	-	-	-

<i>Amphorophora stachyophila</i> H.R.L.	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>A. stolonis</i> Robinson	-	-	-	-	-	-	-	-	MB	-	-	-	-	-	-	-	-	-	-
<i>A. tigwatensa</i> Hottes	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>A. urtica</i> Essig	-	-	-	-	BC	-	SK	-	-	-	-	-	-	-	-	-	-	-	-
Genus ANTHRACOSIPHON Hille Ris Lambers																			
<i>A. crystleae</i> C.F. Smith	-	-	-	-	-	-	-	-	-	QC	-	-	NS	-	-	-	-	-	-
Genus ASPIDAPHIS Gillette																			
<i>A. adjuvans</i> (Walker)	-	-	-	-	-	-	-	-	MB	-	QC	-	-	-	-	-	-	-	-
Genus ASPIDOPHORODON Verma																			
<i>A. longicaudus</i> (Richards)	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Genus ATARSOS Gillette																			
<i>A. grindeliae</i> Gillette	-	-	-	-	-	-	-	-	MB	-	-	-	-	-	-	-	-	-	-
Genus AULACORTHUM Mordvilko																			
Key: Richards 1972c.																			
(Subgenus AULACORTHUM Mordvilko)																			
<i>A. capilanoense</i> Robinson	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>A. dorsatum</i> (Richards)	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>A. pterinigrum</i> Richards	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>A. solani</i> (Kaltenbach)	AK*	-	NT*	-	BC*	AB*	-	MB*	ON*	QC*	NB*	PE*	NS*	-	-	-	-	-	[AG]
(Subgenus NEOMYZUS van der Goot)																			
<i>A. circumflexum</i> (Buckton)	-	-	-	-	[BC]	[AB]	-	[MB]	[ON]	[QC]	[NB]	-	-	[NF]	-	-	-	-	[G]
foxglove aphid; puceron de la digitale																			
Genus BIPERSONA Hottes																			
<i>B. ochrocentri</i> (Cockerell)	-	-	-	-	BC	-	SK	-	-	-	-	-	-	-	-	-	-	-	-
Genus BRACHYCAUDUS van der Goot																			
(Subgenus ACAUDUS van der Goot)																			
<i>B. cardui</i> (Linnaeus)	-	-	-	-	BC*	AB*	-	-	ON*	QC*	NB*	-	NS*	NF*	-	-	-	-	-
<i>B. persicae</i> (Passerini)	-	-	-	-	-	-	-	-	-	-	NB*	-	-	-	-	-	-	-	[A]
black peach aphid; puceron noir du pêcher																			
<i>B. rociadae</i> (Cockerell)	-	-	-	-	-	-	-	MB	-	-	-	-	NS	-	-	-	-	-	-
(Subgenus BRACHYCAUDUS van der Goot)																			
<i>B. helichrysi</i> (Kaltenbach)	-	-	-	-	BC*	AB*	-	MB*	ON*	QC*	NB*	-	-	-	-	-	-	-	-
(Subgenus THULEAPHIS Hille Ris Lambers)																			
<i>B. acaudatus</i> H.R.L.	-	-	-	-	NU	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>B. rumexicolens</i> (Patch)	-	-	-	NT	BC	-	-	-	-	QC	NB	PE	NS	-	-	-	-	-	-
Genus BRACHYCOLUS Buckton																			
<i>B. brachysiphon</i> Richards	-	-	-	-	NU	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Genus BRACHYCORYNELLA Aizenberg																			
<i>B. asparagi</i> (Mordvilko)	-	-	-	-	BC*	AB*	-	-	ON*	QC*	-	-	-	-	-	-	-	-	[A]
asparagus aphid																			
Genus BREVICORYNE van der Goot																			
<i>B. arctica</i> Richards	-	-	-	-	NU	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>B. brassicae</i> (Linnaeus)	-	-	-	-	BC*	AB*	-	MB*	ON*	QC*	NB*	-	NS*	-	-	-	-	-	[A]
cabbage aphid; puceron du chou																			

Genus CACHRYPHORA Oestlund

Key: Richards 1972b.

<i>C. canadensis</i> H.R.L.	-	-	-	-	-	-	-	ON	QC	NB	-	NS	-	-
<i>C. serotinae</i> (Oestlund)	-	-	-	-	-	-	SK	-	-	-	NB	-	-	-

Genus CAPITOPHORUS van der Goot

Key: Corpuz-Raros & Cook 1974.

<i>C. carduinus</i> (Walker)	-	-	-	-	BC*	-	-	-	-	-	-	-	-	-
<i>C. eleagni</i> (Del Guercio)	AK*	-	NT*	-	BC*	AB*	-	MB*	ON*	QC*	NB*	PE*	NS*	-
<i>C. hippophaes</i> (Walker)	-	-	-	-	BC*	-	-	MB*	ON*	QC*	-	-	-	-
<i>C. horni</i> Börner	-	-	-	-	BC*	-	-	-	-	-	NB*	-	-	-
<i>C. hudsonicus</i> Robinson	AK	-	NT	-	-	-	-	MB	-	-	-	-	-	-
<i>C. pakansus</i> Hottes & Frison	-	-	-	-	-	-	-	-	ON	QC	-	-	-	-
<i>C. xanthii</i> (Oestlund)	-	-	-	-	-	-	-	MB	-	-	-	-	-	-

Genus CAROLINAIA Wilson

Key: Remaudière & Muñoz Viveros 1993.

(Subgenus CAROLINAIA Wilson)

<i>C. rhusifoliae</i> (Richards)	-	-	-	-	-	-	-	ON	QC	-	-	-	-	-
(Subgenus GLABROMYZUS Richards)														
<i>C. howardii</i> (Wilson)	-	-	-	-	-	-	-	MB	-	QC	-	-	NS	-
<i>C. quednau</i> Remaudière & Muñoz Viveros	-	-	-	-	-	-	-	-	-	QC	-	-	-	-
<i>C. rhois</i> (Monell)	-	-	-	-	-	-	-	MB	ON	QC	NB	-	-	-
<i>C. schlingeri</i> (H.R.L.)	-	-	-	-	BC	-	-	-	-	-	-	-	-	-

Genus CATAMERGUS Oestlund

<i>C. fulvae</i> (Oestlund)	-	-	-	-	-	-	-	ON	QC	-	-	-	NF	-
<i>C. kickapoo</i> (Hottes & Frison)	-	-	-	-	-	-	-	MB	-	-	NB	-	-	-

Genus CAVARIELLA Del Guercio

Key: Stroyan 1969.

(Subgenus CAVARIELLA Del Guercio)

<i>C. aegopodii</i> (Scopoli) carrot-willow aphid; puceron de la carotte	AK*	-	NT*	-	BC*	AB*	-	MB*	-	QC*	NB*	PE*	-	NF*
<i>C. archangelicae</i> (Scopoli)	-	-	-	-	BC*	-	-	-	-	-	NB*	-	-	-
<i>C. borealis</i> H.R.L.	-	-	-	-	NU	BC	-	-	-	-	-	-	-	-
<i>C. digitata</i> H.R.L.	-	-	-	-	BC	-	-	-	-	-	-	-	-	-
<i>C. hendersoni</i> Knowlton & C.F. Smith	-	-	-	-	-	-	-	ON	-	-	-	-	-	-
<i>C. kono</i> Takahashi	AK	YK	NT	-	BC	-	-	MB	-	QC	NB	-	-	-
<i>C. pastinacae</i> (Linnaeus)	AK*	-	-	-	BC*	AB*	-	MB*	-	QC*	NB*	-	NS*	-
<i>C. pseudopustula</i> H.R.L.	-	-	-	-	-	-	-	-	-	QC	-	-	-	-
<i>C. salicis</i> (Monell)	-	-	-	-	-	-	SK	MB	-	-	-	-	-	-
<i>C. theobaldi</i> (Gillette & Bragg)	-	-	-	-	BC	AB	-	-	ON	QC	NB	-	NS	NF
(Subgenus CAVARIELLA Heinze)														
<i>C. aquatica</i> (Gillette & Bragg)	AK	-	NT	-	-	-	-	MB	-	-	-	-	-	-

Genus CEDOAPHIS Oestlund

<i>C. incognita</i> Hottes & Frison	-	-	-	-	BC	-	-	-	-	-	-	-	-	-
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Genus CERURAPHIS Börner

Key: Chakrabarti & Medda 1985.

<i>C. eriophori</i> (Walker)	-	-	-	-	BC	-	-	-	-	QC	NB	-	NS	NF
<i>C. viburnicola</i> (Gillette)	-	-	NT	-	BC	AB	-	MB	ON	QC	NB	-	-	-

Genus CHAETOSIPHON Mordvilko

Key: Richards 1963b.

(Subgenus CHAETOSIPHON Mordvilko)

C. scalare Richards

- - - - - MB ON - - - - -

(Subgenus PENTATRICHOPUS Börner)

C. fragaefolii (Cockerell)
strawberry aphid; puceron du fraisier

AK YK NT - BC - SK MB ON QC NB - NS - - [A]

C. hottesi Sroyan

- - - - BC - - - - - - - - -

C. minus (Forbes)

AK - - - - - MB - QC NB - NS - - [A]

C. potentillae (Walker)

- - - - BC - - - - NB - - - -

C. tetraodontum (Walker)

- - - - BC* - - - - - - - - [AO]

C. thomasi H.R.L.

- - - - BC - - - - NB PE NS - - [A]

Genus COLORADOA Wilson*C. abrotani* (Koch)

- - - - - QC* NB* - - - -

C. absinthii (Lichtenstein)

- - - - - SK* MB* - - - -

C. achilleae H.R.L.

- - - - - ON* QC* - - - -

C. artemisiae (Del Guercio)

- - - - BC* SK* MB* - - - -

C. rufomaculata (Wilson)

- - - - - [ON][QC][NB] - - - -

C. tanacetina (Walker)

- - - - - QC* - - - -

Genus CORYLOBIUM Mordvilko*C. avellanae* (Schrank)

- - - - BC* - - - -

Genus CRYPTAPHIS Hille Ris Lambers*C. bromi* Robinson

- - - - BC - - MB - QC - - - -

C. poae (Hardy)

- - - - BC* - - MB? - - - -

Genus CRYPTOMYZUS Oestlund

Key: Guldemoed 1991.

C. galeopsidis (Kaltenbach)

- - - - BC* - - - QC* NB* PE* NS* NF* -

C. ribis (Linnaeus)

- - - - BC* AB* - MB* ON* QC* NB* PE* NS* -

current aphid; puceron jaune du groseillier

Genus DECOROSIPHON Börner*D. corynothrix* Börner

- - - - - QC* NB* - - - -

Genus DELPHINIOBIUM Mordvilko*D. canadense* (Robinson)

- - - - BC - - - -

Genus DIURAPHIS Ajzenberg

(Subgenus DIURAPHIS Ajzenberg)

D. mexicana (McVicar Baker)

- - - - BC - - - -

D. noxia (Kurdjumov)

- - - - BC* AB* SK* - - - - [A]

Russian wheat aphid

(Subgenus HOLCAPHIS Hille Ris Lambers)

D. frequens (Walker)

- - - - BC* - - MB* ON* QC* NB* - - - -

D. holci (Hardy)

- - - - - QC* - - - -

D. tritici (Gillet)

- - - - AB SK MB - - - -

western wheat aphid; puceron du blé

Genus DYSAPHIS Börner

(Subgenus DYSAPHIS Börner)

D. crataegi (Kaltenbach)

- - - - - ON* QC* - - - -

D. devector (Walker)

- - - - - QC* - - - -

D. foeniculus (Theobald)

- - - - - NF* - - - -

D. tulipae (Boyer de Fonscolombe)

- - - - BC* AB* - MB* @ - - - - [O]

(Subgenus POMAPHIS Börner)

<i>Dysaphis plantaginea</i> (Passerini)	-	-	-	-	BC*	-	-	-	ON*	QC*	NB*	-	NS*	-	-	[A]
rosy apple aphid; puceron rose du pommier																
<i>D. sorbi</i> (Kaltenbach)	-	-	-	-	BC*	-	-	-	-	-	-	-	-	-	-	

Genus ELATOBIMUM Mordvilko

<i>E. abietinum</i> (Walker)	-	-	-	-	BC*	-	SK*	-	-	QC*	-	-	-	-	-	[F]
green spruce aphid; puceron de l'épinette																

Genus EOMACROSIPHON Hille Ris Lambers

<i>E. nigromaculosum</i> (MacDougall)	-	-	-	-	BC	AB	-	-	-	-	-	-	-	-	-	[r]
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Genus EPAMEIBAPHIS Oestlund

<i>E. frigidae</i> (Oestlund)	-	-	-	-	-	AB	-	MB	-	-	-	-	-	-	-	
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Genus ERICAPHIS Börner

<i>E. fimbriata</i> Richards	-	YK	NT	-	BC	-	-	-	-	QC	-	-	-	-	-	
<i>E. gentneri</i> (Mason)	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	
<i>E. scammelli</i> (Mason)	-	-	-	-	BC	-	-	-	-	-	-	-	NS	-	-	[A]
<i>E. siphunculata</i> (Richards)	AK	-	-	-	BC	-	-	-	-	QC	-	-	-	-	-	
<i>E. wakibae</i> (Hottes)	-	-	-	-	BC	-	-	MB	-	-	-	-	-	-	-	

Genus GLENDENNINGIA MacGillivray

<i>G. philadelphia</i> MacGillivray	-	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	
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Genus GYPSOAPHIS Oestlund

<i>G. oestlundii</i> Hottes	-	-	-	-	-	AB	-	MB	ON	-	-	-	-	-	-	
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Genus HAYHURSTIA Del Guercio

<i>H. atriplicis</i> (Linnaeus)	AK*	-	NT*	-	BC*	AB*	-	MB*	ON*	QC*	NB*	PE*	NS*	-	-	
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Genus HYADAPHIS Kirkaldy

Key: Voegtlin 1984.

<i>H. foeniculi</i> (Passerini)	-	-	-	-	BC*	-	-	MB*	-	QC*	NB*	-	-	-	-	
<i>H. tataricae</i> (Aizenberg)	-	-	-	-	-	-	-	MB*	ON*	QC*	-	-	-	-	-	[O]

Genus HYALOMYZUS Richards

<i>H. eriobotryae</i> (Tissot)	-	-	-	-	-	-	-	-	ON	QC	NB	-	NS	-	-	
<i>H. scrophulariae</i> (Thomas)	-	-	-	-	-	-	-	MB	-	-	NB	-	-	-	-	
<i>H. sensoriatum</i> (Mason)	-	-	-	-	-	-	-	-	-	QC	-	-	-	-	-	

Genus HYALOPTEROIDES Theobald

<i>H. humilis</i> (Walker)	-	-	-	-	BC*	-	-	-	-	QC*	NB*	-	-	-	-	
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Genus HYPEROMYZUS Börner

(Subgenus HYPEROMYZUS Börner)

<i>H. lactucae</i> (Linnaeus)	-	-	-	-	BC*	AB*	SK*	MB*	ON*	QC*	NB*	PE*	NS*	-	-	
<i>H. pallidus</i> H.R.L.	-	-	-	-	BC*	-	-	MB*	ON*	QC*	NB*	PE*	NS*	-	-	

(Subgenus NEONASONOVIA Hille Ris Lambers)

<i>H. inflatus</i> Richards	-	-	-	-	-	-	-	MB	-	-	-	-	-	-	-	
<i>H. nabali</i> (Oestlund)	AK	-	NT	-	-	-	-	MB	-	QC	NB	-	NS	NF	-	
<i>H. ribiellus</i> (Davis)	-	-	-	-	BC	AB	-	MB	-	-	-	-	-	-	-	
<i>H. sandilandicus</i> (Robinson)	-	-	-	-	BC	-	-	MB	-	QC	-	-	-	-	-	

(Subgenus HYPEROMYZELLA Hille Ris Lambers)

<i>H. rhinanthi</i> (Schouteden)	-	-	-	-	-	-	-	-	-	QC	NB	-	NS	NF	-	
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Genus IDIOPTERUS J.J. Davis*I. nephrolepidis* Davis

- - - - ⑥ - - - - - - - - - -

Genus ILLINOIA Wilson

Revision: MacGillivray 1958 [world].

(Subgenus AMPHOROPHORINA MacGillivray)

I. crystleae bartholomewi (Essig)

- - - - BC - - - - - - - - - -

I. crystleae crystleae (C.F. Smith & Knowlton)

- - - - BC - - - - - - - - - -

(Subgenus ILLINOIA Wilson)

I.alni (Mason)

- - NT - - - - MB - QC NB - - NF -

I. andromedae (MacGillivray)

- - - - - - - - QC - - - -

I. azaleae azaleae (Mason)

- - NT - BC - - MB - - - - NS - -

I. azaleae rhododendronia (Mason)

- - - - - - - - - - NB - - - -

I. brevatarsis (Gillette & Palmer)

- - - - - AB - - - - QC - - - -

I. canadensis (MacGillivray)

- - NT - - - - MB - QC NB - - - -

I. goldamaryae (Knowlton)

AK YK NT - - - - MB ON QC NB - NS NF -

I. grindeliae palmerae (MacGillivray)

- - - - - MB - - - - - - - -

I. liriodendri (Monell)

- - - - BC - - - - ON - - - -

I. morrisoni (Swain)

- - - - BC - - - - - - - -

I. pallida (Mason)

- - - - - - - - - - NB - - - -

I. patriciae (Robinson)

- - - - BC - - - - - - - -

I. pepperi (MacGillivray)

- - - - - - - - - - NB - - - -

I. richardsi (MacGillivray)

- - - - BC - - MB ON QC NB PE NS NF -

I. simpsoni (MacGillivray)

- - - - - - MB - QC - - - -

I. spiraeae (MacGillivray)

- - - - BC - - - - - - - -

I. spiraeicola (Patch)

- - - - BC - - MB - QC NB - - - -

I. subviridis (MacDougall)

- - - - BC - - - - - - - -

I. wahnaga (Hottes)

- - - - BC - SK MB - - - - - -

(Subgenus MASONAPHIS Hille Ris Lambers)

I. lambersi (MacGillivray)

- - - - BC - - - - - - - -

I. magna (H.R.L.)

- - - - BC AB - - - - - - - -

I. menziesiae (Robinson)

- - - - BC AB - - - - - - - -

I. paquetai (MacGillivray)

AK - NT - - - - MB ON QC - - - -

I. pinawae (Robinson)

- - - - - - MB ON - - - - NF -

I. rhokalaza (Tissot & Pepper)

- - - - BC - - - - - - - - NF -

I. wilhelminae (H.R.L.)

- - - - - - - - QC - - - -

(Subgenus OESTLUNDIA Hille Ris Lambers)

I. davidsoni (Mason)

AK - - - BC - - - - - - - -

I. maxima (Mason)

- - - - BC AB - - - - - - - -

I. rubicola (Oestlund)

AK YK - - BC AB - MB ON QC NB - NS -

Genus JACKSONIA Theobald*J. papillata* Theobald

- - - - BC* - - - - - - - -

Genus LIOSOMAPHIS Walker*L. berberidis* (Kaltenbach)

- - - - BC* AB* - - ON* QC* NB* - NS* -

Genus LIPAPHIS Mordvilko*L. erysimi* (Kaltenbach)

AK* - - - BC* AB* SK* MB* - QC* NB* - NS* - [A]

turnip aphid; pucerons du navet

Genus LONGICAUDUS van der Goot*L. trihodus* (Walker)

- - - - BC* - - - ON* QC* NB* - - -

Genus MACROSIPHONIELLA Del Guercio

Key: Robinson 1987.

| | | | | | | | | | | | | | | |
|--|----|----|----|---|------|-----|---|-----|------|-----|-----|-----|-----|-----|
| <i>M. abrotani</i> (Walker) | - | - | - | - | - | - | - | ON* | QC* | NB* | - | NS* | - | - |
| <i>M. absinthii</i> (Linnaeus) | - | - | - | - | BC* | - | - | MB* | - | - | NB* | - | - | - |
| <i>M. artemisiae</i> (Boyer de Fonscolombe) | - | - | - | - | BC* | - | - | - | ON* | QC* | NB* | PE* | NS* | - |
| <i>M. frigidicola</i> Gillette & Palmer | - | YK | - | - | - | - | - | MB | - | QC | NB | - | - | - |
| <i>M. leucanthemi</i> (Ferrari) | - | - | - | - | BC* | AB? | - | - | ON* | - | NB* | - | - | - |
| <i>M. ludoviciana</i> (Oestlund) | - | YK | - | - | BC | AB | - | MB | - | QC | - | - | - | - |
| <i>M. millefolii</i> (DeGeer) | - | - | - | - | BC* | - | - | - | ON* | QC* | NB* | PE* | NS* | NF* |
| <i>M. paucisetosa</i> Robinson | - | - | - | - | BC | - | - | MB | - | - | - | - | - | - |
| <i>M. pennsylvanica</i> (Pepper) | - | - | NT | - | - | - | - | MB | - | QC | NB | - | - | - |
| <i>M. sanborni</i> (Gillette) | - | - | - | - | [BC] | - | - | - | [ON] | - | - | - | - | - |
| chrysanthemum aphid; puceron du chrysanthème | | | | | | | | | | | | | | |
| <i>M. subterranea</i> (Koch) | - | - | - | - | - | - | - | - | ON* | QC* | NB* | - | - | - |
| <i>M. tanacetaria</i> (Kaltenbach) | - | - | - | - | BC* | AB* | - | MB* | ON* | QC* | NB* | PE* | NS* | - |
| <i>M. tapuskae</i> (Hottes & Frison) | AK | YK | - | - | - | - | - | MB | - | QC | - | - | - | - |
| <i>M. usquertensis</i> H.R.L. | - | - | - | - | - | - | - | - | QC? | - | - | - | - | - |

Genus MACROSIPHUM Passerini

Key: Palmer 1952 [Rocky Mountain region (with various other genera included in Macrosiphum)], Robinson 1980 [North American species on ferns], Jensen 1998 [North American species with dark siphunculi].

(Subgenus MACROSIPHUM Passerini)

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|---|----|----|----|---|-----|----|---|-----|-----|-----|-----|-----|-----|-----|
| <i>M. adianti</i> (Oestlund) | - | - | - | - | BC | - | - | - | QC | - | - | - | - | - |
| <i>M. aetheocorum</i> C.F. Smith & Knowlton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>M. agrimoniellum</i> (Cockerell) | - | - | - | - | - | - | - | - | - | - | NB | - | - | - |
| <i>M. albifrons</i> Essig | AK | - | NT | - | BC | AB | - | - | ON* | - | NB* | PE* | NS* | NF* |
| <i>M. audeni</i> MacDougall | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>M. bisensoriatum</i> MacDougall | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>M. californicum</i> (Clarke) | AK | - | NT | - | BC | AB | - | MB | ON | QC | NB | PE | - | - |
| <i>M. constrictum</i> Patch | AK | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. corallorhizae</i> (Cockerell) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>M. creolii</i> J.J. Davis | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>M. cryopteris</i> Robinson | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>M. daphnidis</i> Börner | - | - | - | - | BC | - | - | MB | - | - | - | - | - | - |
| <i>M. diervillae</i> Patch | - | - | - | - | - | - | - | MB | ON | QC | NB | - | NS | - |
| <i>M. equiseti</i> (Holman) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>M. euphorbiae</i> (Thomas) | AK | YK | NT | - | BC | AB | - | MB | ON | QC | NB | PE | NS | NF |
| potato aphid; puceron de la pomme de terre | | | | | | | | | | | | | | |
| <i>M. funestum</i> (Macchiati) | - | - | - | - | - | - | - | - | - | - | NB? | - | - | - |
| <i>M. fuscicornis</i> MacDougall | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>M. gaurae</i> (Williams) | - | - | - | - | - | - | - | - | ON | QC | NB | - | - | - |
| <i>M. geranii</i> (Oestlund) | - | - | - | - | - | - | - | MB | - | - | - | - | - | - |
| <i>M. hamiltoni</i> Robinson | - | - | - | - | - | - | - | MB | - | - | NB | - | - | - |
| <i>M. insulare</i> (Pergande) | AK | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. jeanae</i> Robinson | - | - | - | - | - | - | - | MB | - | - | - | - | - | - |
| <i>M. kiowanepus</i> (Hottes) | - | - | - | - | BC | AB | - | MB | - | - | - | - | - | - |
| <i>M. lambi</i> Robinson | - | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| <i>M. manitobense</i> Robinson | - | - | NT | - | BC | - | - | MB | - | - | - | - | - | - |
| <i>M. mentzeliae</i> Wilson | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>M. olmstedii</i> Robinson | - | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| <i>M. osmaroniae</i> (Wilson) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>M. parvifolii</i> Richards | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>M. pseudorosae</i> Patch | - | YK | - | - | BC | - | - | MB | - | - | NB | - | NS | NF |
| <i>M. ptericolens</i> Patch | - | - | - | - | BC | - | - | MB | ON | QC | NB | - | NS | - |
| <i>M. pteridis</i> Wilson | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>M. pyrifoliae</i> MacDougall | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>M. rhamni</i> Clarke | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>M. rosae</i> (Linnaeus) | - | - | - | - | BC* | - | - | MB* | ON* | QC* | NB* | - | NS* | - |
| rose aphid; puceron du rosier | | | | | | | | | | | | | | |

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|--|----|----|----|----|-----|-----|----|-----|-----|-----|-----|-----|-----|----|---|---|---|---|-----|
| <i>Macrosiphum stanleyi</i> Wilson | AK | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. stellariae</i> Theobald | - | - | - | - | BC* | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. subarcticum</i> Robinson | AK | YK | NT | - | - | - | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. tenuicauda</i> Bartholomew | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. tiliae</i> (Monell) | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. tolmieae</i> (Essig) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. valerianae</i> (Clarke) | - | - | - | - | - | AB | - | MB | - | QC | - | - | NS | - | - | - | - | - | - |
| <i>M. venafuscae</i> J.J. Davis | - | - | - | - | - | - | - | - | - | NB | - | NS | - | - | - | - | - | - | - |
| <i>M. walkeri</i> Robinson | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. woodsiae</i> Robinson | - | - | NT | - | BC | - | - | MB | - | - | - | - | - | - | - | - | - | - | - |
| (Subgenus NEOCORYLOBIUM MacGillivray) | | | | | | | | | | | | | | | | | | | |
| <i>M. carpinicolens</i> Patch | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - |
| <i>M. coryli</i> J.J. Davis | - | - | - | - | BC | - | - | MB | ON | QC | NB | - | - | - | - | - | - | - | - |
| <i>M. pseudocoryli</i> Patch | - | - | - | - | BC | - | - | MB | ON | - | NB | - | - | - | - | - | - | - | - |
| Genus MASTOPODA Oestlund | | | | | | | | | | | | | | | | | | | |
| <i>M. pteridis</i> Oestlund | - | - | - | - | - | - | - | MB | ON | - | - | - | - | - | - | - | - | - | - |
| Genus METOPOLOPHIUM Mordvilko | | | | | | | | | | | | | | | | | | | |
| <i>M. arctogenicolens</i> (Richards) | - | - | - | NU | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. caudatum</i> (Pergande) | AK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. dirhodum</i> (Walker)
rose-grass aphid | - | - | - | - | BC* | AB* | - | MB* | - | QC* | NB* | PE* | NS* | - | - | - | - | - | - |
| <i>M. pedicularis</i> Richards | - | - | - | NU | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Genus MICROLOPHIUM Mordvilko | | | | | | | | | | | | | | | | | | | |
| <i>M. camosum</i> (Buckton) | - | - | - | - | BC* | AB* | - | MB* | - | - | NB* | PE* | - | - | - | - | - | - | - |
| Genus MICROPARSUS Patch | | | | | | | | | | | | | | | | | | | |
| <i>M. variabilis</i> Patch | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - |
| Genus MICROSIPHONIELLA Hille Ris Lambers | | | | | | | | | | | | | | | | | | | |
| <i>M. artemisiae</i> (Gillette) | - | - | - | - | BC | - | - | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. oregonensis</i> (Wilson) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Genus MUSCAPHIS Börner | | | | | | | | | | | | | | | | | | | |
| Key: Remaudière & Muñoz Viveros 1985. | | | | | | | | | | | | | | | | | | | |
| <i>M. canadensis</i> (H.R.L.) | - | - | - | - | - | - | - | - | ON | - | NB | - | - | - | - | - | - | - | - |
| <i>M. escherichi</i> Börner | - | - | - | - | BC | - | - | MB | ON | - | NB | - | - | - | - | - | - | - | - |
| <i>M. musci</i> Börner | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - | - | - | - |
| <i>M. utahensis</i> C.F. Smith & Knowlton | - | - | - | - | - | - | - | MB | - | - | NB? | - | - | - | - | - | - | - | - |
| Genus MYZAPHIS van der Goot | | | | | | | | | | | | | | | | | | | |
| <i>M. canadensis</i> Richards | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - |
| <i>M. rosarum</i> (Kaltenbach) | AK | YK | NT | - | BC | AB | - | MB | ON | - | NB | - | NS | - | - | - | - | - | [O] |
| Genus MYZODIUM Börner | | | | | | | | | | | | | | | | | | | |
| Key: Smith & Robinson 1975. | | | | | | | | | | | | | | | | | | | |
| <i>M. knowltoni</i> C.F. Smith & Robinson | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. modestum</i> (Hottes) | - | - | - | - | BC | - | - | MB | - | QC | NB | - | - | - | - | - | - | - | - |
| Genus MYZUS Passerini | | | | | | | | | | | | | | | | | | | |
| Key: Blackman 1987. | | | | | | | | | | | | | | | | | | | |
| (Subgenus MYZUS Passerini) | | | | | | | | | | | | | | | | | | | |
| <i>M. cerasi</i> (Fabricius)
black cherry aphid; puceron noir du cerisier | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - | - | - | - | [A] |
| <i>M. lythri</i> (Schränk) | - | - | - | - | BC* | - | - | MB* | ON* | QC* | NB* | PE* | NS* | - | - | - | - | - | - |
| <i>M. ornatus</i> Laing | - | - | - | - | BC* | - | - | MB* | - | QC* | NB* | - | - | - | - | - | - | - | [G] |

(Subgenus NECTAROSIPHON Schouteden)

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|--|------|---|---|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|---|---|-------|
| <i>Myzus antirrhinii</i> (Macchiati) | - | - | - | - | BC* | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. ascalonicus</i> (Schouteden)
shallot aphid | - | - | - | - | BC* | - | - | - | - | - | - | NB* | - | - | - | - | - | - | [G] |
| <i>M. certus</i> (Walker) | - | - | - | - | BC* | - | - | MB* | - | - | - | NB* | - | - | - | - | - | - | - |
| <i>M. ligustri</i> (Mosely) | - | - | - | - | BC* | - | - | - | ON* | - | - | - | - | - | - | - | - | - | - |
| <i>M. nicotianae</i> Blackman | - | - | - | - | BC* | - | - | - | ON* | - | - | - | - | - | - | - | - | - | [A] |
| <i>M. persicae</i> (Suizer)
green peach aphid; puceron vert du pêcher | [AK] | - | - | - | BC* | AB* | SK* | MB* | ON* | QC* | NB* | PE* | NS* | NF* | - | - | - | - | [AOG] |
| <i>M. polaris</i> H.R.L. | - | - | - | - | NU | BC | - | - | - | - | QC | - | - | - | - | - | - | - | - |

Genus NASONOVIA Mordvilko

Revision: Heie 1979.

(Subgenus NASONOVIA Mordvilko)

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|--|---|---|---|---|-----|---|---|---|-----|-----|-----|-----|---|-----|---|---|---|---|---|
| <i>N. compositellae nigra</i> (H.R.L.) | - | - | - | - | BC* | - | - | - | - | - | - | NB* | - | - | - | - | - | - | - |
| <i>N. ribisnigri</i> Mosley | - | - | - | - | BC* | - | - | - | ON* | QC* | NB* | - | - | NS* | - | - | - | - | - |

(Subgenus EOKAKIMIA Heie)

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|---------------------------------------|----|----|---|---|---|----|----|----|---|---|---|---|---|---|---|---|---|---|---|
| <i>N. wahinkae robinsoni</i> Richards | AK | YK | - | - | - | AB | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>N. wahinkae wahinkae</i> (Hottes) | - | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - | - |

(Subgenus KAKIMIA Hottes & Frison)

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|---|----|----|----|---|----|----|----|----|----|----|---|----|---|---|---|---|---|---|---|
| <i>N. alpina</i> (Gillette & Palmer) | - | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - | - | - | - |
| <i>N. borealis</i> Heie | - | - | - | - | - | BC | AB | - | MB | ON | - | - | - | - | - | - | - | - | - |
| <i>N. castelleiae</i> (Sampson) | AK | YK | NT | - | - | BC | AB | - | MB | - | - | - | - | - | - | - | - | - | - |
| <i>N. cynosbati</i> (Oestlund) | AK | YK | NT | - | - | BC | AB | - | MB | - | - | - | - | - | - | - | - | - | - |
| <i>N. essigi</i> (Gillette & Palmer) | - | - | - | - | - | BC | AB | - | MB | - | - | NB | - | - | - | - | - | - | - |
| <i>N. grossa</i> Heie | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>N. heucherae</i> (Thomas) | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>N. houghtonensis houghtonensis</i> (Troop) | - | - | - | - | - | - | - | - | - | - | - | NB | - | - | - | - | - | - | - |
| <i>N. houghtonensis similis</i> Heie | - | - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | - | - | - | - |
| <i>N. muesebecki</i> (Knowlton & Allen) | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>N. polemonii</i> (Gillette & Palmer) | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>N. sampsoni</i> Heie | - | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>N. takala</i> (Hottes) | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>N. vockerothi</i> (Richards) | - | - | - | - | NU | - | - | - | MB | - | - | - | - | - | - | - | - | - | - |
| <i>N. williamsi</i> Heie | - | - | - | - | - | BC | - | - | MB | - | - | - | - | - | - | - | - | - | - |

(Subgenus RANAKIMIA Heie)

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|------------------------------------|---|---|---|---|---|----|---|---|----|----|----|----|---|----|----|---|---|---|---|
| <i>N. acyrthosiphon</i> (Richards) | - | - | - | - | - | BC | - | - | - | QC | - | - | - | - | - | - | - | - | - |
| <i>N. purpurescens</i> (Oestlund) | - | - | - | - | - | - | - | - | MB | ON | QC | NB | - | NS | NF | - | - | - | - |

Genus NEARCTAPHIS Shaposhnikov

Key: Robinson 1984.

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|---|-----|---|---|---|---|----|----|---|----|----|----|----|----|----|---|---|---|---|-----|
| <i>N. bakeri</i> (Cowen)
clover aphid; puceron du trèfle | AK* | - | - | - | - | BC | AB | - | MB | ON | QC | NB | - | NS | - | - | - | - | [A] |
| <i>N. californica</i> H.R.L. | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>N. clydesmithi</i> H.R.L. | - | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - | - | - | - |
| <i>N. crataegifoliae crataegifoliae</i> (Fitch) | - | - | - | - | - | BC | - | - | MB | ON | QC | NB | PE | NS | - | - | - | - | - |
| <i>N. crataegifoliae occidentalis</i> H.R.L. | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>N. sclerosa</i> (Richards) | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>N. sensoria</i> (Gillette & Bragg) | - | - | - | - | - | BC | AB | - | MB | - | - | - | - | - | - | - | - | - | - |
| <i>N. yohoensis</i> Bradley | AK | - | - | - | - | BC | AB | - | MB | - | - | - | - | - | - | - | - | - | - |

Genus NEOAMPHOROPHORA Mason

| | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|----|----|---|----|----|---|---|---|---|
| <i>N. kalmiae</i> Mason | - | - | - | - | - | - | - | - | - | - | QC | NB | - | NS | NF | - | - | - | - |
|-------------------------|---|---|---|---|---|---|---|---|---|---|----|----|---|----|----|---|---|---|---|

Genus NEOTOXOPTERA Theobald

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|---------------------------------|
| <i>N. formosana</i> (Takahashi) | - | - | - | - | - | - | - | ? | - | - | ? | - | - | - | - | - | - | - | - |
|---------------------------------|

Genus OBTUSICAUDA Soliman

Key: Robinson & Halbert 1989.

(Subgenus ARTEMISAPHIS Knowlton & Roberts)

| | | | | | | | | | | | | | | | |
|--|---|---|---|---|----|----|----|----|---|---|-----|---|-----|---|---|
| <i>O. artemisicola</i> (Williams) | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - |
| (Subgenus OBTUSICAUDA Soliman) | | | | | | | | | | | | | | | |
| <i>O. coweni</i> (Hunter) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>O. filifoliae</i> (Gillette & Palmer) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>O. frigidae</i> (Oestlund) | - | - | - | - | BC | AB | - | MB | - | - | NB? | - | NS? | - | - |

Genus OVATUS van der Goot

| | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|-----|-----|---|---|---|-----|-----|---|-----|-----|---|
| <i>O. crataegarius</i> (Walker) | - | - | - | - | BC* | AB* | - | - | - | QC* | NB* | - | NS* | NF? | - |
|---------------------------------|---|---|---|---|-----|-----|---|---|---|-----|-----|---|-----|-----|---|

Genus PADUCIA Hottes & Frison

| | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|----|---|----|----|---|---|---|
| <i>P. antennata</i> (Patch) | - | - | - | - | - | - | - | - | ON | - | NB | PE | - | - | - |
|-----------------------------|---|---|---|---|---|---|---|---|----|---|----|----|---|---|---|

Genus PHORODON Passerini

| | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|-----|---|---|-----|-----|-----|-----|---|---|---|---|
| <i>P. humuli</i> (Schränk) | - | - | - | - | BC* | - | - | MB* | ON* | QC* | NB* | - | - | - | - |
| hop aphid; puceron du houblon | | | | | | | | | | | | | | | |

Genus PLEOTRICHOPHORUS Börner

Key: Corpuz-Raros & Cook 1974.

| | | | | | | | | | | | | | | | |
|---|----|----|----|---|----|-----|----|----|---|-----|-----|---|---|---|---|
| <i>P. amsinckii</i> Richards | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>P. asterifoliae</i> (Strom) | - | - | - | - | - | - | - | MB | - | QC | - | - | - | - | - |
| <i>P. chrysanthemi</i> (Theobald) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>P. glandulosus</i> (Kaltenbach) | - | - | - | - | - | AB* | - | - | - | QC* | NB* | - | - | - | - |
| <i>P. gnaphalodes</i> (Palmer) | - | - | - | - | BC | - | - | MB | - | QC | - | - | - | - | - |
| <i>P. hottesi</i> H.R.L. | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - |
| <i>P. intermedius</i> Corpuz-Raros & Cook | - | YK | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. knowltoni</i> Corpuz-Raros & Cook | AK | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. longinectarius</i> (Gillette & Palmer) | - | - | - | - | - | AB | - | MB | - | - | - | - | - | - | - |
| <i>P. longipes</i> (Gillette & Palmer) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>P. patonkus</i> (Hottes & Frison) | - | - | - | - | - | - | - | MB | - | - | NB | - | - | - | - |
| <i>P. pseudoglandulosus</i> (Palmer) | - | - | - | - | - | - | SK | MB | - | - | NB | - | - | - | - |
| <i>P. pseudopatonkusellus</i> Corpuz-Raros & Cook | - | YK | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. pseudopatonkus</i> Corpuz-Raros & Cook | - | - | NT | - | - | AB | - | MB | - | - | NB | - | - | - | - |
| <i>P. pullus</i> (Gillette & Palmer) | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - |
| <i>P. villosae</i> Robinson | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - |

Genus PSEUDACAUDELLA Börner

| | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|----|----|----|---|----|---|---|---|
| <i>P. rubida</i> (Börner) | - | - | - | - | - | - | - | MB | ON | QC | - | PE | - | - | - |
|---------------------------|---|---|---|---|---|---|---|----|----|----|---|----|---|---|---|

Genus PSEUDOCERCIDIS Richards

| | | | | | | | | | | | | | | | |
|--------------------------|----|---|----|---|----|---|---|----|---|---|---|---|---|---|---|
| <i>P. rosae</i> Richards | AK | - | NT | - | BC | - | - | MB | - | - | - | - | - | - | - |
|--------------------------|----|---|----|---|----|---|---|----|---|---|---|---|---|---|---|

Genus PSEUDOEPAMEIBAPHIS Gillette & Palmer

| | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|
| <i>P. glauca</i> Gillette & Palmer | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - |
|------------------------------------|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|

Genus RHODOBIUM Hille Ris Lambers

| | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|----|---|---|----|----|----|----|---|----|---|---|
| <i>R. porosum</i> (Sanderson) | - | - | - | - | BC | - | - | MB | ON | QC | NB | - | NS | - | - |
|-------------------------------|---|---|---|---|----|---|---|----|----|----|----|---|----|---|---|

Genus RHOPALOMYZUS Mordvilko

(Subgenus JUDENKOA Hille Ris Lambers)

| | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|-----|---|---|-----|---|---|---|---|---|---|---|
| <i>R. loniceræ</i> (Siebold) | - | - | - | - | BC* | - | - | MB* | - | - | - | - | - | - | - |
|------------------------------|---|---|---|---|-----|---|---|-----|---|---|---|---|---|---|---|

(Subgenus RHOPALOMYZUS Mordvilko)

| | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|----|---|---|----|---|----|---|---|---|---|---|
| <i>R. grabhami</i> (Cockerell) | - | - | - | - | BC | - | - | MB | - | - | - | - | - | - | - |
| <i>R. posei</i> (Gillette) | - | - | - | - | - | - | - | MB | - | QC | - | - | - | - | - |

Genus RHOPALOSIPHONINUS A.C. Baker

Key: Smith & Knowlton 1977.

(Subgenus MYZOSIPHON Hille Ris Lambers)

| | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|-----|---|-----|---|---|-----|----|-----|-----|---|---|---|---|-----|
| <i>R. solani</i> (Thomas) | - | - | - | - | - | - | - | MB | ON | QC | NB | - | - | - | - | [A] |
| <i>R. staphyleae</i> (Koch) | - | - | - | - | BC* | - | - | - | - | - | - | - | - | - | - | |
| <i>R. tulipaellus</i> (Theobald) | - | - | NT* | - | BC* | - | - | MB* | - | QC* | NB* | - | - | - | - | |

(Subgenus RHOPALOSIPHONINUS A.C. Baker)

| | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|-----|---|---|---|---|---|----|---|---|---|---|--|
| <i>R. hydrangeae</i> (Matsumura) | - | - | - | - | BC* | - | - | - | - | - | - | - | - | - | - | |
| <i>R. laytsiphon</i> (Davidson) | - | - | - | - | BC | - | - | - | - | - | NB | - | - | - | - | |

Genus SITOBION Mordvilko

Key to species: Richards 1963a [Canada].

(Subgenus METOBION Heikenneheim)

| | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|--|
| <i>S. beiquei</i> (H.R.L.) | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | |
|----------------------------|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|--|

(Subgenus SITOBION Mordvilko)

| | | | | | | | | | | | | | | | | |
|---|-----|---|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|-----|
| <i>S. alopecuri</i> (Takahashi) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | |
| <i>S. avenae</i> (Fabricius) | AK* | - | NT* | - | BC* | AB* | SK* | MB* | ON* | QC* | NB* | PE* | NS* | - | - | [A] |
| English grain aphid; puceron des céréales | | | | | | | | | | | | | | | | |
| <i>S. caricis</i> (Glendenning) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | |
| <i>S. fragariae</i> (Walker) | - | - | - | - | BC* | - | - | - | - | - | - | - | - | - | - | |

Genus UROLEUCON Mordvilko

Keys: Robinson 1985, 1986.

(Subgenus UROLEUCON Mordvilko)

| | | | | | | | | | | | | | | | | |
|--------------------------------------|----|----|----|---|-----|----|-----|-----|-----|-----|-----|-----|-----|----|---|-----|
| <i>U. achilleae</i> (Koch) | - | - | - | - | BC* | - | - | - | - | - | - | - | - | - | - | |
| <i>U. alaskense</i> (Robinson) | AK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| <i>U. ambrosiae</i> (Thomas) | - | - | - | - | BC | - | - | MB | ON | QC | NB | - | NS | NF | - | |
| <i>U. amesense</i> Robinson | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - | |
| <i>U. astronomus</i> (H.R.L.) | - | - | - | - | - | - | - | MB | ON | - | NB | - | - | - | - | |
| <i>U. boreale</i> Robinson | - | YK | NT | - | - | - | - | - | - | - | - | - | - | - | - | |
| <i>U. chani</i> Robinson | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | |
| <i>U. chrysanthemi</i> (Oestlund) | - | - | - | - | - | - | - | MB | - | QC | NB | - | - | - | - | |
| <i>U. cirsi</i> (Linnaeus) | - | - | - | - | BC* | - | - | MB* | ON* | QC* | NB* | PE* | - | - | - | |
| <i>U. deltense</i> Robinson | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - | |
| <i>U. epilobii</i> (Pergande) | AK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| <i>U. eupatoricolens</i> (Patch) | - | - | - | - | - | - | - | MB | - | QC | NB | - | - | - | - | |
| <i>U. gigantiphagum</i> Moran | AK | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | - | |
| <i>U. hieracicola</i> (H.R.L.) | - | - | - | - | BC | - | - | MB | ON | QC | NB | - | - | - | - | |
| <i>U. impatiensicolens</i> (Patch) | - | - | - | - | - | - | - | - | ON | - | NB | - | - | - | - | |
| <i>U. ivae</i> (Robinson) | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - | |
| <i>U. lanceolatum</i> (Patch) | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - | |
| <i>U. leonardi</i> (Olive) | - | - | - | - | - | - | - | - | ON | - | NB | PE? | - | - | - | |
| <i>U. maximilianicola</i> (Robinson) | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - | |
| <i>U. nigrotibium</i> (Olive) | - | - | - | - | - | - | - | MB | ON | QC | NB | - | NS | - | - | |
| <i>U. nigrotuberculatum</i> (Olive) | - | - | - | - | BC | AB | - | MB | ON | QC | NB | PE | NS | - | - | |
| <i>U. obscuricaudatum</i> (Olive) | - | - | - | - | - | - | - | MB | ON | - | - | - | - | - | - | |
| <i>U. olivei</i> Moran | - | - | - | - | BC | - | - | MB | ON | - | - | - | - | - | - | |
| <i>U. paucosensoriatum</i> (H.R.L.) | - | - | - | - | BC | - | - | MB | ON | QC | NB | PE | - | - | - | |
| <i>U. pepperi</i> (Olive) | - | - | - | - | - | - | - | MB | - | - | NB | - | - | - | - | |
| <i>U. pieloui</i> (Richards) | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - | |
| <i>U. pseudambrosiae</i> (Olive) | - | - | - | - | BC | - | - | MB | ON | QC | NB? | - | - | - | - | |
| <i>U. rudbeckiae</i> (Fitch) | - | - | - | - | BC? | AB | SK? | MB | ON? | QC | NB? | - | NS? | - | - | [O] |
| <i>U. russellae</i> (H.R.L.) | - | - | - | - | BC | - | - | MB | ON | QC | NB | PE | NS | - | - | |
| <i>U. sijpkensi</i> (H.R.L.) | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | |
| <i>U. solirostratum</i> (Richards) | - | - | - | - | - | - | - | MB | ON | - | - | - | - | - | - | |
| <i>U. sonchellum</i> (Monell) | - | - | - | - | - | - | - | - | ON | - | - | PE | - | - | - | |

| | | | | | | | | | | | | | | |
|---|----|----|---|---|-----|----|----|----|-----|-----|-----|----|-----|----|
| <i>Uroleucon sonchi</i> (Linnaeus) | - | - | - | - | BC* | - | - | - | ON* | QC* | NB* | - | - | - |
| <i>U. vancouverense</i> Robinson | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| (Subgenus LAMBERSIUS Olive) | | | | | | | | | | | | | | |
| <i>U. breviscriptum</i> (Palmer) | - | - | - | - | BC | - | - | - | - | - | - | NS | - | - |
| <i>U. brevitarsus</i> (Robinson) | - | - | - | - | - | - | - | MB | - | - | - | - | - | - |
| <i>U. caligatum</i> (Richards) | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - |
| <i>U. canadense</i> (Richards) | - | - | - | - | BC | - | - | - | ON | QC | - | - | - | - |
| <i>U. carberriense</i> Robinson | - | - | - | - | BC | AB | - | MB | - | - | - | - | - | - |
| <i>U. erigeronense</i> (Thomas) | - | - | - | - | BC | - | - | MB | ON | QC | NB | NS | - | - |
| <i>U. escalantii</i> (Knowlton) | - | - | - | - | BC | - | - | MB | ON | - | - | - | - | - |
| <i>U. gravicorne</i> (Patch) | - | - | - | - | BC | - | - | MB | ON | QC | - | - | - | - |
| <i>U. longirostre</i> (Gillette & Palmer) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>U. luteolum</i> (Williams) | - | - | - | - | - | - | - | - | ON | QC | NB? | - | - | - |
| <i>U. macgillivrayae</i> (Olive) | - | - | - | - | - | - | SK | MB | ON | QC | NB | - | - | - |
| <i>U. manitobense</i> (Robinson) | - | - | - | - | - | - | - | MB | - | - | - | - | - | - |
| <i>U. nodulum</i> (Richards) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - |
| <i>U. penderum</i> Robinson | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>U. richardsi</i> (Robinson) | - | - | - | - | - | - | - | MB | - | - | - | - | - | - |
| <i>U. tenuitarsum</i> (Gillette & Palmer) | - | - | - | - | - | - | - | MB | - | - | - | - | NF? | - |
| (Subgenus UROMELAN Mordvilko) | | | | | | | | | | | | | | |
| <i>U. eoessigi</i> (Knowlton) | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - |
| <i>U. eupatorifoliae</i> (Tissot) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| <i>U. helianthicola</i> (Olive) | - | - | - | - | - | - | - | MB | ON | - | - | - | - | - |
| <i>U. simile</i> (H.R.L.) | AK | YK | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>U. solidaginis</i> (Fabricius) | - | - | - | - | BC? | - | - | - | - | - | - | - | - | - |
| <i>U. taraxaci</i> (Kaltenbach) | - | YK | - | - | BC | AB | SK | MB | ON | QC | NB | PE | - | NF |

Genus UTAMPHOROPHORA Knowlton

Key: Cook 1984b [North America], Remaudière 1983.

| | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|----|----|---|----|----|----|----|---|---|---|
| <i>U. crataegi</i> (Monell) | - | - | - | - | BC | AB | - | MB | ON | QC | NB | - | - | - |
| <i>U. humboldti</i> (Essig) | - | - | - | - | BC | - | - | MB | ON | QC | NB | - | - | - |

Genus WAHLGRENIELLA Hille Ris Lambers

| | | | | | | | | | | | | | | |
|-------------------------------|---|----|---|----|----|---|---|----|----|---|---|---|---|-----|
| <i>W. arbuti</i> (Davidson) | - | - | - | - | BC | - | - | - | - | - | - | - | - | [O] |
| <i>W. empetri</i> Richards | - | - | - | NU | - | - | - | - | QC | - | - | - | - | - |
| <i>W. nervata</i> (Gillette) | - | YK | - | - | BC | - | - | MB | - | - | - | - | - | - |
| <i>W. vaccinii</i> (Theobald) | - | - | - | - | BC | - | - | MB | - | - | - | - | - | - |

Subfamily PTEROCOMMATINAE**Genus FULLAWAYA** Essig

Key: Richards 1967a.

| | | | | | | | | | | | | | | |
|---------------------------------------|---|---|----|---|----|---|---|----|---|---|-----|---|---|---|
| <i>F. bradleyi</i> (Richards) | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>F. braggii</i> (Gillette & Palmer) | - | - | NT | - | - | - | - | - | - | - | - | - | - | - |
| <i>F. bulbosa</i> (Richards) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>F. ontarioensis</i> (Richards) | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>F. saliciradicis</i> Essig | - | - | - | - | - | - | - | - | - | - | NB? | - | - | - |

Genus PLOCAMAPHIS Oestlund

| | | | | | | | | | | | | | | |
|------------------------------|----|---|----|----|----|---|---|---|----|----|----|----|---|---|
| <i>P. flocculosa</i> (Weed) | - | - | NT | - | BC | - | - | - | ON | QC | NB | PE | - | - |
| <i>P. martini</i> (Richards) | AK | - | NT | NU | - | - | - | - | - | QC | - | - | - | - |

Genus PTEROCOMMA Buckton

Key: Richards 1967b.

| | | | | | | | | | | | | | | |
|-----------------------------------|----|----|----|---|----|----|----|----|----|----|----|---|---|----|
| <i>P. beulahensis</i> (Cockerell) | AK | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>P. bicolor</i> (Oestlund) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | - | NF |

| | | | | | | | | | | | | | | | | | | | |
|---|-----|----|----|----|-----|----|----|----|-----|----|----|---|-----|----|-----|-----|---|---|---|
| <i>Pterocomma groenlandicum</i> H.R.L. | - | - | - | NU | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. medium</i> A.C. Baker | - | - | - | - | BC | - | - | - | - | - | - | - | NB | - | - | - | - | - | - |
| <i>P. pilosum</i> Buckton | - | - | - | - | BC* | - | - | - | - | - | - | - | NB* | - | NS* | - | - | - | - |
| <i>P. populeum</i> (Kaltenbach) | AK* | - | - | - | BC* | - | - | - | ON* | - | - | - | NB* | - | - | NF* | - | - | - |
| <i>P. populifoliae</i> (Fitch) | AK | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | - | NS | - | - | - | - | - |
| <i>P. pseudopopuleum</i> Palmer | - | - | - | - | - | AB | - | - | - | QC | - | - | - | - | - | - | - | - | - |
| <i>P. salicis</i> (Linnaeus) | - | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | - | - | - | - | - | - | - |
| <i>P. sanguiceps</i> Richards | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. smithiae</i> (Monell)
black willow aphid; puceron du saule | - | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | - | NS | - | - | - | - | - |

Family DREPANOSIPHIDAE

The majority of species feed on dicotyledonous trees and shrubs (usually on the foliage), but species in subfamily Saltusaphidinae are sedge feeders, Siphini feed on grasses, and included among the Phyllaphidinae are legume and bamboo feeders. Drepanosiphids are distributed mainly in Holarctic and Oriental regions, but a few genera are restricted to the southern hemisphere.

This group is rather diverse structurally and biologically and several of its subgroups (subfamilies in the current classification scheme) should probably be elevated to the level here treated as families.

Only a few species, including the spotted alfalfa aphid, the grass-feeding Siphini, and a few pecan-feeding species are of economic importance. A few others frequently become a nuisance in urban areas due to copious honeydew production, particularly during extended periods of warm rainless weather.

Head and prothorax of apterae rarely fused; eyes of apterae rarely absent; antennae usually with 6 segments; terminal process long or short; secondary rhinaria usually round to transverse-oval (rarely transverse linear); apical setae of distal tarsal segments acuminate; pretarsal setae flabellate, capitate or acuminate; rastral structures usually present at apex of tibiae; basal tarsal segments often quadrate; many species with lateral and/or dorsal projections of the abdominal wall; wax glands dispersed or aggregated into more or less distinct multiporous structures; lateral thin-walled tubercles often present, sometimes in clusters; siphunculi vasiform to cylindrical, rarely poriform; anal plate bilobed or entire; cauda knobbed, ligulate or semicircular; oviparous females apterous or rarely alate; in many species, all adult viviparae are alate.

Subfamily CHAITOPHORINAE

Tribe Chaitophorini

Genus CHAITOPHORUS Koch

Key: Richards 1972a.

| | | | | | | | | | | | | | | | | | | | |
|---|----|----|----|---|----|----|----|-----|-----|-----|-----|----|----|----|---|---|---|---|---|
| <i>C. horii</i> Takahashi | - | - | NT | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. leucomelas</i> Koch | - | - | - | - | - | - | - | - | ON* | QC* | NB* | - | - | - | - | - | - | - | - |
| <i>C. macgillivrayae</i> Richards | - | - | - | - | - | - | - | - | - | QC | NB | - | - | - | - | - | - | - | - |
| <i>C. macrostachyae</i> (Essig) | - | - | - | - | BC | - | SK | MB | ON | - | - | - | - | - | - | - | - | - | - |
| <i>C. monelli</i> (Essig) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. neglectus</i> Hottes & Frison | AK | YK | - | - | BC | AB | - | MB | ON | QC | NB | - | NS | NF | - | - | - | - | - |
| <i>C. nigrae</i> Oestlund | - | - | - | - | BC | AB | - | MB | ON | QC | NB | PE | NS | - | - | - | - | - | - |
| <i>C. nigriventris</i> Richards | - | - | - | - | BC | - | - | MB | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>C. nudus</i> Richards | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>C. pallipes</i> Richards | - | - | - | - | BC | - | - | - | ON | - | - | PE | - | - | - | - | - | - | - |
| <i>C. populiabae</i> (Boyer de Fonscolombe) | - | - | - | - | - | - | - | MB* | ON* | - | NB* | - | - | - | - | - | - | - | - |
| <i>C. populicola</i> Thomas
smokewinged poplar aphid; puceron noir du peuplier | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - | - | - | - | - |
| <i>C. populifolii populifolii</i> (Essig) | AK | YK | NT | - | BC | AB | - | MB | ON | QC | NB | - | NS | NF | - | - | - | - | - |
| <i>C. pusillus</i> Hottes & Frison | - | - | NT | - | BC | - | - | MB | - | QC | NB | - | - | - | - | - | - | - | - |
| <i>C. pustulatus</i> H.R.L. | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. salicicola</i> Essig | - | - | - | - | BC | - | - | - | - | - | - | PE | - | - | - | - | - | - | - |

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|--|---|---|---|---|----|----|---|----|-----|----|----|----|----|---|---|---|
| <i>Chaitophorus saliciniger</i> (Knowlton) | - | - | - | - | BC | AB | - | MB | - | - | - | - | - | - | - | - |
| <i>C. stevensis</i> Sanborn | - | - | - | - | BC | AB | - | MB | ON | QC | NB | - | NS | - | - | - |
| <i>C. viminalis</i> Monell | - | - | - | - | BC | - | - | MB | ON | QC | NB | PE | NS | - | - | - |
| <i>C. viminicola</i> H.R.L. | - | - | - | - | - | - | - | - | ON* | - | - | - | - | - | - | - |

Genus PERIPHYLLUS van der Hoeven

Key: Essig & Abernathy 1952 [world], Richards 1972a [Canada].

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|--|-----|---|---|---|-----|----|----|----|-----|-----|-----|-----|-----|-----|---|---|
| <i>P. aceris</i> (Linnaeus) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. americanus</i> (A.C. Baker) | - | - | - | - | - | - | - | - | QC | NB | - | NS | - | - | - | - |
| <i>P. brevispinosus</i> Gillette & Palmer | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - |
| <i>P. californiensis</i> (Shinji) | - | - | - | - | BC* | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. lyropictus</i> (Kessler) | - | - | - | - | BC* | - | - | - | ON* | QC* | NB* | - | NS* | NF* | - | - |
| Norway maple aphid; puceron de l'érable de Norvège | | | | | | | | | | | | | | | | |
| <i>P. negundinis</i> (Thomas) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - | - |
| boxelder aphid; puceron de l'érable négondo | | | | | | | | | | | | | | | | |
| <i>P. testudinaceus</i> (Ferne) | AK* | - | - | - | BC* | - | - | - | - | - | NB* | PE* | NS* | NF* | - | - |

Genus PSEUDOPTEROCOMMA MacGillivray

Key: Richards 1972a.

| | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|----|----|----|----|----|---|---|---|---|---|
| <i>P. canadensis</i> Richards | - | - | - | - | - | - | SK | MB | ON | - | - | - | - | - | - | - |
| <i>P. hughi</i> (MacGillivray) | - | - | - | - | - | - | - | MB | - | QC | NB | - | - | - | - | - |

Tribe Siphini**Genus ATHEROIDES** Haliday

| | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|-----|---|---|---|-----|---|---|---|---|---|---|---|
| <i>A. serrulatus</i> Haliday | - | - | - | - | BC* | - | - | - | QC* | - | - | - | - | - | - | - |
|------------------------------|---|---|---|---|-----|---|---|---|-----|---|---|---|---|---|---|---|

Genus SIPHA Passerini

Key: Richards 1972a.

(Subgenus RUNGSIA Mimeur)

| | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|
| <i>S. elegans</i> Del Guercio | - | - | - | - | BC* | AB* | SK* | MB* | ON* | QC* | NB* | PE* | NS* | NF* | - | - |
|-------------------------------|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|

(Subgenus SIPHA Passerini)

| | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|-----|---|---|-----|---|---|---|---|---|---|---|---|
| <i>S. flava</i> (Forbes) | - | - | - | - | BC* | - | - | MB* | - | - | - | - | - | - | - | - |
|--------------------------|---|---|---|---|-----|---|---|-----|---|---|---|---|---|---|---|---|

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|----------------------------------|---|---|---|---|-----|---|---|-----|-----|-----|-----|---|---|---|---|---|
| <i>S. glyceriae</i> (Kaltenbach) | - | - | - | - | BC* | - | - | MB* | ON* | QC* | NB* | - | - | - | - | - |
|----------------------------------|---|---|---|---|-----|---|---|-----|-----|-----|-----|---|---|---|---|---|

Subfamily DREPANOSIPHINAE**Tribe Drepanosiphini****Genus DREPANAPHIS** Del Guercio

Key: Smith & Dillery 1968.

| | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|----|----|----|----|---|----|---|---|---|
| <i>D. acerifoliae</i> (Thomas) | - | - | - | - | - | - | - | MB | ON | QC | NB | - | NS | - | - | - |
| painted maple aphid; puceron de l'érable | | | | | | | | | | | | | | | | |
| <i>D. carolinensis</i> C.F. Smith | - | - | - | - | - | - | - | - | - | QC | NB | - | - | - | - | - |
| <i>D. granovskyi</i> C.F. Smith & Knowlton | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>D. kanzensis</i> C.F. Smith | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - | - |
| <i>D. keshenae</i> Granovsky | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| <i>D. knowltoni</i> C.F. Smith & Dillery | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - |
| <i>D. monelli</i> (J.J. Davis) | - | - | - | - | - | - | - | - | - | - | NB | - | - | - | - | - |
| <i>D. nigricans</i> C.F. Smith | - | - | - | - | - | - | - | - | - | - | NB | - | - | - | - | - |
| <i>D. pallida</i> Richards | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>D. parva</i> C.F. Smith | - | - | - | - | - | - | - | - | - | QC | NB | - | NS | - | - | - |
| <i>D. simpsoni</i> C.F. Smith | - | - | - | - | - | - | - | - | ON | QC | NB | - | - | - | - | - |
| <i>D. spicata</i> C.F. Smith | - | - | - | - | - | - | - | MB | ON | QC | NB | - | - | - | - | - |
| <i>D. utahensis</i> Knowlton & C.F. Smith | - | - | - | - | - | - | - | - | - | - | - | - | NS | - | - | - |

Genus DREPANOSIPHUM Koch

D. platanoidis (Schränk) - - - - BC* - - - ON* - - - NF* -

Genus SHENAHWEUM Hottes & Frison

S. minuta (J.J. Davis) - - - - - - - ON - NB - - - -

Subfamily PHYLLAPHIDINAE**Tribe Phyllaphidini****Genus APPENDISETA** Richards

A. robiniae (Gillette) - - - - BC* - - - ON - - - - -

Genus BETULAPHIS Glendenning

Key: Richards 1961 [North America].

B. brevipilosa Börner - - - - BC* - - - ON* - - - - -

B. pelei H.R.L. AK YK NT NU - - - MB - - - - -

B. quadrituberculata (Kaltenbach) - - NT* - BC* - - MB* QC* NB* - - - -

Genus BOERNERINA Bramstedt

Key: Hille Ris Lambers & Hottes 1962 [world].

B. alni alaskensis H.R.L. & Hottes AK - NT - BC - - MB ON QC NB - NS NF -

B. occidentalis H.R.L. & Hottes AK YK? NT? - BC - - - - - - -

B. variabilis Richards - - NT - BC AB - - - - - - -

Genus CALAPHIS B.D. Walsh

C. alni A.C. Baker - - - - - - - QC NB - - - -

C. betulaecolens (Fitch) - - - - BC - - MB ON QC NB - NS - -

C. betulicola (Kaltenbach) - - - - BC* - - - QC* NB* - NS* - -

C. flava Mordvilko - - - - BC - - MB - QC NB - - NF -

C. leonardi Quednau - - - - - - - QC NB - - - -

C. manitobensis Richards - - - - - - - MB - - - - -

Genus CALLIPTERINELLA van der Goot

C. calliptera Hartig - - - - BC* - - MB* ON* QC* NB* - NS* - -

C. minutissima (Stroyan) - - - - BC* - - - - - - -

Genus CEPEGILLETTEA Granovsky

Key: Richards 1969.

C. betulaefoliae Granovsky AK - - - BC - - MB ON QC NB - - - -

C. myricae (Patch) - - - - - - - ON QC NB - NS - -

C. viridis Richards - - - - - - - ON - - - - -

Genus CHROMAPHIS Walker

C. juglandicola (Kaltenbach) - - - - BC* - - - ON* - - - - -

Genus CTENOCALLIS Kłodnitski

C. setosus (Kaltenbach) - - - - BC* - - - - - - -

Genus EUCALLIPTERUS Schouteden

E. tiliae (Linnaeus) - - - - BC* - - MB* ON* QC* NB* PE* NS* NF* - [O]

Genus EUCERAPHIS Walker

Key: Blackman 1977.

E. betulae (Koch) AK YK NT - BC - - MB ON - NB PE NS - - [O]

E. gillettei Davidson AK YK NT - BC AB - MB ON QC NB - NS NF -

E. lineata A.C. Baker - - - - - - - ON QC NB - NS - -

Euceraphis punctipennis (Zetterstedt) - - - - BC* AB* - MB* ON* QC* NB* - NS* NF* - [O]
European birch aphid; puceron européen du bouleau

Genus HANNABURA Matsumura

H. alnosa (Pepper) - - - - - QC - - NS - -

Genus HOPLOCHAITOPHORUS Granovsky

H. quercicola (Monell) - - - - - MB ON - - - - -

Genus LACHNOCHAITOPHORUS Granovsky

L. obscurus (Tissot) - - - - - ON - - - - -

Genus MONELLIA Oestlund

Key, review: Bissel 1978.

M. caryella (Fitch) - - - - - ON QC - - - - -

M. hispida Quednau - - - - - ON QC - - - - -

M. microsetosa Richards - - - - - ON QC - - - - -

Genus MONELLIOPSIS Richards

Key, review: Bissel 1978.

M. caryae (Monell) - - - - - ON QC NB - - - - -

M. nigropunctata (Granovsky) - - - - - ON QC - - - - -

Genus MYZOCALLIS Passerini

Key to subgenera: Quednau & Remaudière 1994.

(Subgenus MYZOCALLIS Passerini)

M. carpini (Koch) - - - - BC* - - - - -

M. coryli (Goeze) - - - - BC* - - ON* - - NS* - -

(Subgenus AGRIOAPHIS Walker)

M. castanicola A.C. Baker - - - - BC* - - - - -

(Subgenus CASTANEOMYZOCALLIS Quednau & Remaudière)

M. castaneae (Fitch) - - - - - ON QC NB - - - - -

(Subgenus LINEOMYZOCALLIS Richards)

M. bellus (Walsh) - - - - BC - - - ON QC NB - NS - -

M. ephemeratus Richards - - - - - ON QC NB PE - - -

M. exultans Boudreaux & Tissot - - - - - QC - - - - -

M. granovskyi Boudreaux & Tissot - - - - - ON QC NB - - - - -

M. longirostris Richards - - - - - ON - - - - -

M. longiunguis Boudreaux & Tissot - - - - - ON - - - - -

M. melanocera Boudreaux & Tissot - - - - - ON QC NB - - - - -

M. multisetis Boudreaux & Tissot - - - - BC - - - ON - - - - -

M. spinosa Boudreaux & Tissot - - - - BC - - - ON - - - - -

M. walshii (Monell) - - - - BC - - - ON QC NB - NS - -

(Subgenus NEOMYZOCALLIS Richards)

M. asclepiadis (Monell) - - - - - MB ON QC NB - - - - -

M. discolor (Monell) - - - - - MB ON - - - - -

M. punctatus (Monell) - - - - BC AB SK MB ON QC - - - - -

Genus NEOSYMYDOBIUS A.C. Baker

N. albasiphus (J.J. Davis) - - - - - ON - - - - -

N. mimicus Hottes - - - - - MB - - - - -

Genus OESTLUNDIELLA Granovsky

O. flava (Davidson) AK YK - - BC - - MB - - NB - NS - -

Genus PANAPHIS Kirkaldy*P. juglandis* (Goeze)

- - - - BC* - - - - - - - - -

Genus PHYLLAPHIS Koch

Key: Richards 1973.

P. fagi (Linnaeus)

- - - - BC - - - ON QC NB PE NS NF -

Genus MONAPHIS Walker*M. antennata* (Kaltenbach)

- - - - - - - ON* - - - - -

Genus PROTOPTEROCALLIS Richards

Key: Bissel 1978.

P. fumipennellus (Fitch)

- - - - - - - ON QC - - - - -

Genus PTEROCALLIS Passerini*P. alni* (DeGeer)

- - - - BC* - - - ON* QC* - - - - -

P. alnifoliae (Fitch)

- - - - BC - - MB ON QC NB PE NS NF -

P. rhombifoliae (Granovsky)

- - - - - - - QC - - - - -

Genus STEGOPHYLLA Oestlund

Key: Hille Ris Lambers 1966 [world].

S. essigi H.R.L.

- - - - BC - - - - - - - - -

S. querci (Fitch)

- - - - - - MB ON QC - - - - -

S. quercicola (Monell)

- - - - - - QC NB - NS - - -

Genus SYMYDOBIUS Mordvilko*S. americanus* A.C. Baker

dark birch aphid; puceron noir du bouleau

- - - - AB - MB ON QC NB PE NS - -

S. intermedius Gillette & Palmer

- - - - BC - - - ON QC? - - - - -

Genus TAKECALLIS Matsumura*T. arundicolens* (Clarke)

- - - - BC* - - - - - - - - -

T. arundinariae (Essig)

- - - - BC* - - - - - - - - -

Genus THERIOAPHIS Walker*T. ononidis* (Kaltenbach)

- - - - BC* - - - - NB* - - - - -

T. riehmi (Bömer)

sweet clover aphid

- - - - BC* - - MB* ON* QC* - - - - -

T. trifolii (Monell)

- - - - BC* AB* SK* MB* ON* QC* NB* - NS* - - [A]

Genus TINOCALLIS Matsumura*T. caryaefoliae* (Davis)

- - - - - - - ON - - - - -

T. platani (Kaltenbach)

- - - - BC* - - - - - - - - -

T. ulmifoliae (Monell)

- - - - BC AB - MB ON QC NB - - - - -

Genus TUBERCULATUS Mordvilko

Revision: Richards 1968 [world].

T. tuberculatus (Richards)

- - - - - - - ON QC - - - - -

(Subgenus PACIFICALLUS Richards)

T. columbiae Richards

- - - - BC - - - - - - - - -

(Subgenus TUBERCULOIDES van der Goot)

T. annulatus (Hartig)

- - - - BC* - - - ON* QC* NB* PE* - - -

Subfamily SALTUSAPHIDINAE

Tribe Saltusaphidini

Genus IZIPHYA Nevsky

Key, review: Richards 1971.

| | | | | | | | | | | | | | | | |
|------------------------------|---|---|----|---|----|---|---|----|----|----|---|---|---|---|---|
| <i>I. albipes</i> Richards | - | - | - | - | BC | - | - | - | ON | QC | - | - | - | - | - |
| <i>I. americana</i> Baker | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>I. flabella</i> (Sanborn) | - | - | NT | - | BC | - | - | - | ON | QC | - | - | - | - | - |
| <i>I. mackaueri</i> Quednau | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>I. spenceri</i> Richards | - | - | - | - | BC | - | - | MB | - | - | - | - | - | - | - |
| <i>I. vittata</i> Richards | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |

Genus SALTUSAPHIS Theobald

| | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|
| <i>S. elongata</i> A.C. Baker | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
|-------------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|

Tribe Thripsaphidini

Genus PELTAPHIS Frison & Ross

| | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|
| <i>P. hottesi</i> Frison & Ross | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - |
|---------------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|

Genus SUBSALTUSAPHIS Quednau

Key, review: Richards 1971.

| | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|
| <i>S. canadensis</i> Richards | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>S. virginica</i> (Baker) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>S. wanica</i> (Hottes & Frison) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |

Genus THRIPSAPHIS Gillette

Key, review: Richards 1971.

(Subgenus THRIPSAPHIS Gillette)

| | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|
| <i>T. ballii ballii</i> (Gillette) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>T. ballii longisetis</i> Richards | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |

(Subgenus TRICHOCALLIS Börner)

| | | | | | | | | | | | | | | | |
|--|----|----|----|---|----|---|---|----|----|----|----|---|---|---|----|
| <i>T. cyperi</i> (Walker) | AK | YK | NT | - | BC | - | - | MB | ON | QC | NB | - | - | - | - |
| <i>T. davilaui</i> (Quednau) | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - |
| <i>T. producta</i> Gillette | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>T. verrucosa nodulosa</i> H.R.L. | AK | - | - | - | - | - | - | - | - | - | - | - | - | - | LB |
| <i>T. verrucosa verrucosa</i> Gillette | AK | - | - | - | BC | - | - | - | ON | QC | NB | - | - | - | LB |

Subfamily TAMALIINAE

Genus TAMALIA A.C. Baker

| | | | | | | | | | | | | | | | |
|------------------------------|---|----|---|---|----|----|---|----|----|---|---|---|---|---|---|
| <i>T. coweni</i> (Cockerell) | - | YK | - | - | BC | AB | - | MB | ON | - | - | - | - | - | - |
|------------------------------|---|----|---|---|----|----|---|----|----|---|---|---|---|---|---|

Family HORMAPHIDIDAE

This gall-inducing group of woolly aphids is similar in many respects to the Pemphigidae. Apterous forms are flattened, sometimes with reduced appendages, and are reminiscent of scale insects or whitefly larvae. This family is primarily Oriental in distribution but the small subfamily Hormaphidinae is Holarctic. A few species of subfamily Cerataphidinae have been widely dispersed in tropical and subtropical regions by commerce, and are sometimes encountered in temperate areas on imported orchids or palms. Both native species form galls on *Hamamelis virginiana* and one alternates to the underside of the leaves of *Betula* species (or may reproduce continuously on *Betula* in the absence of *Hamamelis*).

Apterac of some generations flattened, sometimes with reduced appendages; head and pronotum of apterae fused; antennae with 3 to 5 segments; terminal process shorter than basal part of ultimate segment; secondary rhinaria of alatae

annular; eyes of apterae (except triommatidium) absent; tibiae without apical rastral structures; dorsoapical setae of distal tarsal segments capitate; pretarsal setae acuminate (or pretarsus lacking in modified aptera); basal tarsal segments triangular; thin-walled tubercles absent; wax glands aggregated into faceted plates (often arranged marginally in apterae); siphunculi poriform or absent; anal plate bilobed; cauda knobbed; oviparous females and males minute.

Subfamily CERATAPHIDINAE

Genus CERATAPHIS Lichtenstein

C. fransseni (H.R.L.)

Subfamily HORMAPHIDINAE

Genus HAMAMELISTES Shimer

H. spinosus Shimer

witch hazel spiny gall aphid

Genus HORMAPHIS Osten-Sacken

H. hamamelidis (Fitch)

Family LACHNIDAE

Most members of this Holarctic family feed on the trunk, branches or main roots of woody plants (Lachninae on deciduous trees, Cinarinae on conifers), but *Schizolachnus* species and Eulachnini feed on conifer needles, and members of subfamily Traminae are found on roots of Compositae. Host alternation does not occur.

Head and pronotum of apterae separate; antennae with 6 segments; terminal process shorter than basal part of ultimate segment; secondary rhinaria of alatae round; eyes of apterae present; tibiae without apical rastral structures; dorsoapical setae of distal tarsal segments acuminate; pretarsal setae acuminate; basal tarsal segments usually quadrate; thin-walled tubercles absent; wax glands not aggregated into discrete structures; siphunculi poriform or very short-tubular, usually set on a setose conical base; anal plate entire; cauda semicircular; oviparous females apterous, males usually alate.

Subfamily CINARINAE

Tribe Cinarini

Genus CINARA Curtis

Key, review: Pepper & Tissot 1973 [on *Pinus*; eastern North America]. Catalogue: Voegtlin & Bridges 1988 [North America].

(Subgenus CINARA Curtis)

C. acadiana Hottes

C. alaskana Hottes

C. apini (Gillette & Palmer)

C. arizonica (Wilson)

C. atlantica (Wilson)

C. atra (Gillette & Palmer)

C. banksiana Pepper & Tissot

jackpine aphid; puceron du pin gris

C. bonica Hottes

C. bonita Hottes

C. braggii (Gillette)

C. brevispinosa (Gillette & Palmer)

C. canatra Hottes & Bradley

C. caudelli (Wilson)

C. chinookiana Hottes

C. coloradensis (Gillette)

***C. confinis* (Koch)**

| | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|
| | | | | | | | | NB | - | - | - |
| AK | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | AB | - | - | - | QC | - | - | - | - |
| - | - | - | BC | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | ON | - | - | - | - | - |
| - | - | - | - | - | - | ON | - | - | - | - | - |
| - | - | - | AB | SK | MB | ON | QC | NB | - | - | - |
| AK | - | - | - | - | - | - | - | - | - | - | - |
| AK | - | - | - | - | - | - | - | - | - | - | - |
| AK | - | NT | BC | AB | SK | MB | ON | QC | NB | PE | NS |
| - | - | - | BC | AB | - | - | - | - | NB | - | NS |
| - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NF |
| - | - | - | BC | - | - | - | - | - | - | - | - |
| - | - | - | AB | - | - | - | - | - | - | - | - |
| AK | YK | - | BC | AB | SK | MB | ON | QC | NB | PE | NS |
| - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS |

| | | | | | | | | | | | | | | | | | |
|--|----|----|----|---|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|----|-----|---|
| <i>Cinara contortae</i> Hottes | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. costata</i> (Zetterstedt) | - | - | - | - | - | - | - | - | ON* | QC* | - | - | - | - | - | NF* | - |
| <i>C. cronartii</i> Tissot & Pepper | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - | - |
| <i>C. curvipes</i> (Patch)
balsam fir aphid; puceron du sapin | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - | - | - |
| <i>C. ferrisi</i> (Swain) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. formacula</i> Hottes
green spruce aphid | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - | - | - |
| <i>C. glacialis</i> Hottes | AK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. gracilis</i> (Wilson) | - | - | - | - | - | - | - | MB | ON | - | NB | - | - | - | NF | - | - |
| <i>C. harmonia</i> Hottes | - | - | - | - | - | - | - | MB | ON | QC | NB | - | - | - | - | - | - |
| <i>C. hottesi</i> (Gillette & Palmer) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - | - | - |
| <i>C. inscripta</i> Hottes & Essig | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. kucheana</i> Hottes | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. laricifex</i> (Fitch)
black larch aphid; puceron noir du mélèze | AK | - | NT | - | - | AB | SK | MB | ON | QC | NB | PE | NS | NF | - | - | - |
| <i>C. laricifoliae</i> (Wilson) | - | - | - | - | BC | - | - | - | - | - | NB* | - | NS* | - | - | - | - |
| <i>C. laricis</i> (Hartig)
larch aphid; puceron du mélèze | - | - | - | - | - | AB? | - | - | ON* | QC* | - | - | NS* | NF* | - | - | - |
| <i>C. lyallii</i> Bradley | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. manitobensis</i> Bradley | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - | - | - |
| <i>C. mariana</i> Bradley | - | - | - | - | - | - | SK | - | - | - | - | - | - | - | - | - | - |
| <i>C. medispinosa</i> (Gillette & Palmer) | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. murrayanae</i> (Gillette & Palmer) | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. nepticula</i> Hottes | - | - | - | - | - | - | - | - | ON? | - | - | - | NS | - | - | - | - |
| <i>C. nigra</i> (Wilson) | - | - | - | - | BC | - | - | - | - | QC | - | - | - | - | - | - | - |
| <i>C. nigripes</i> Bradley | - | - | - | - | BC | - | - | - | ON | - | - | PE | NS | - | - | - | - |
| <i>C. nimbata</i> Hottes | AK | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. obscura</i> Bradley | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - | - | - |
| <i>C. occidentalis</i> (Davidson) | - | - | - | - | BC | - | - | - | - | QC* | - | - | - | - | - | - | - |
| <i>C. ontarioensis</i> Bradley | - | - | - | - | - | AB | - | MB | ON | QC | - | - | - | - | - | - | - |
| <i>C. oregonensis</i> (Wilson) | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - | - | - |
| <i>C. oregoni</i> Hottes & Essig | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. parvicornis</i> Hottes | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. pergandei</i> (Wilson) | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | - | - | - | - | - | - |
| <i>C. petersoni</i> Bradley | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - | - | - |
| <i>C. pilicornis</i> Hartig | - | - | - | - | BC* | AB* | - | - | ON* | QC* | - | - | NS* | - | - | - | - |
| <i>C. pinea</i> (Mordvilko)
pine aphid; puceron du pin sylvestre | - | - | - | - | BC* | AB* | - | MB* | ON* | QC* | NB* | PE* | NS* | NF* | - | - | - |
| <i>C. piniradicis</i> Bradley | - | - | - | - | - | AB | SK | MB | ON | QC | - | - | - | - | - | - | - |
| <i>C. pinivora</i> (Wilson) | - | - | - | - | - | AB | SK | MB | ON | QC | NB | - | - | - | - | - | - |
| <i>C. ponderosae</i> (Williams) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. pruinosa</i> Hartig | - | - | - | - | - | AB | SK | MB | ON | QC | - | - | NS | NF | - | - | - |
| <i>C. pseudotaxifoliae</i> Palmer | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. pseudotsugae</i> (Wilson) | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. rubicunda</i> (Wilson) | AK | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
| <i>C. saskensis</i> Bradley | - | - | - | - | BC | - | SK | MB | - | - | - | - | - | - | - | - | - |
| <i>C. sonata</i> Hottes | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. spiculosa</i> Bradley | - | - | NT | - | - | AB | SK | MB | ON | QC | NB | - | NS | NF | - | - | - |
| <i>C. splendens</i> (Gillette & Palmer) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. strobi</i> (Fitch)
white pine aphid; puceron du pin blanc | - | - | - | - | - | - | - | MB | ON | QC | NB | - | NS | NF | - | - | - |
| <i>C. subterranea</i> Bradley | - | - | - | - | - | AB | - | MB | - | - | NB? | - | - | - | - | - | - |
| <i>C. taedae</i> Tissot | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - | - |
| <i>C. thatcheri</i> Knowlton & C.F. Smith | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. tsugae</i> Bradley | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. vandykei</i> (Wilson) | AK | - | - | - | BC | AB | - | - | ON | - | NB | - | NS | NF | - | - | - |
| <i>C. villosa</i> Gillette & Palmer | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. yukona</i> Hottes | AK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

(Subgenus CUPRESSOBIMUM)

| | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|----|----|----|----|----|----|---|---|----|---|
| <i>Cinara cupressi</i> (Buckton) | - | - | - | - | BC | AB | - | - | ON | QC | - | - | - | - |
| <i>C. juniperi</i> (DeGeer) | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | NS | - |

Genus SCHIZOLACHNUS Mordvilko

| | | | | | | | | | | | | | | |
|--|---|---|---|---|-----|---|---|----|-----|-----|-----|---|---|---|
| <i>S. curvispinosus</i> Hottes, Essig & Knowlton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>S. parvus</i> (Wilson) | - | - | - | - | - | - | - | - | ON | - | NB | - | - | - |
| <i>S. pineti</i> (Fabricius) | - | - | - | - | BC* | - | - | - | ON* | QC* | NB* | - | - | - |
| <i>S. piniradiatae</i> (Davidson) | - | - | - | - | BC | - | - | MB | ON | QC | NB | - | - | - |

woolly pineneedle aphid; puceron lanigère du pin rouge

Tribe Eulachnini**Genus ESSIGELLA** Del Guercio

Revision: Sorensen 1994.

(Subgenus LAMBERSSELLA Sorensen)

| | | | | | | | | | | | | | | |
|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|
| <i>E. fusca fusca</i> Gillette & Palmer | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|

(Subgenus ESSIGELLA Del Guercio)

| | | | | | | | | | | | | | | |
|--------------------------------------|----|---|---|---|----|-----|---|---|----|----|---|---|---|---|
| <i>E. aleyeska</i> Sorensen | AK | - | - | - | - | - | - | - | ON | QC | - | - | - | - |
| <i>E. californica</i> (Essig) | - | - | - | - | BC | AB? | - | - | - | - | - | - | - | - |
| <i>E. knowltoni knowltoni</i> Hottes | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - |
| <i>E. pini</i> Wilson | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>E. wilsoni</i> Hottes | - | - | - | - | BC | AB? | - | - | - | - | - | - | - | - |

Genus EULACHNUS Del Guercio

| | | | | | | | | | | | | | | |
|---|---|---|---|---|-----|-----|---|---|-----|-----|-----|---|-----|-----|
| <i>E. agilis</i> (Kaltenbach) | - | - | - | - | - | AB* | - | - | ON* | - | NB* | - | - | - |
| spotted pineneedle aphid; puceron tacheté acicole | | | | | | | | | | | | | | |
| <i>E. brevipilosus</i> Börner | - | - | - | - | BC* | - | - | - | - | - | - | - | - | - |
| <i>E. rileyi</i> (Williams) | - | - | - | - | BC? | AB* | - | - | ON* | QC* | - | - | NS* | NF* |

Subfamily LACHNINAE**Genus LACHNUS** Burmeister

| | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|----|---|---|---|---|---|---|
| <i>L. allegheniensis</i> McCook | - | - | - | - | - | - | - | MB | - | - | - | - | - | - |
|---------------------------------|---|---|---|---|---|---|---|----|---|---|---|---|---|---|

Genus LONGISTIGMA Wilson

| | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|----|----|----|---|---|---|---|
| <i>L. caryae</i> (T.W. Harris) | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - |
|--------------------------------|---|---|---|---|---|---|---|----|----|----|---|---|---|---|

Genus MACULOLACHNUS Gaumont

| | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|----|----|----|----|---|---|---|---|----|---|
| <i>M. sijpkensi</i> H.R.L. | - | - | - | - | BC | AB | SK | MB | - | - | - | - | NS | - |
|----------------------------|---|---|---|---|----|----|----|----|---|---|---|---|----|---|

Genus TUBEROLACHNUS Mordvilko

| | | | | | | | | | | | | | | |
|--|---|---|---|---|-----|---|-----|-----|-----|---|-----|---|---|-----|
| <i>T. salignus</i> (Gmelin) | - | - | - | - | BC* | - | SK* | MB* | ON* | - | NB* | - | - | NF* |
| giant willow aphid; puceron géant du saule | | | | | | | | | | | | | | |

Subfamily TRAMINAE**Genus TRAMA** von Heyden

| | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|---|---|---|
| <i>T. rara</i> Mordvilko | - | - | - | - | BC* | AB* | SK* | MB* | ON* | QC* | NB* | - | - | - |
|--------------------------|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|---|---|---|

Family MINDARIDAE

This is a Holarctic family of one genus with 6 extant and 5 extinct species described. All feed on growing tips and young cones of spruces or firs, and may become pests in seed orchards. The life cycle is abbreviated, with overwintering eggs being laid in early summer.

Head and pronotum of apterae fused; antennae with 6 segments; terminal process shorter than basal part of ultimate segment; secondary rhinaria of alatae rounded to transverse-oval; eyes of apterae varies seasonally from fully developed to reduced or absent (except triommatidia); tibiae without apical rastral structures; dorsoapical setae of distal tarsal segments acuminate; pretarsal setae acuminate; basal tarsal segments triangular; thin-walled tubercles absent; wax glands aggregated into faceted plates; siphunculi poriform; anal plate bilobed; cauda knobbed; oviparous females and males apterous, reduced in size.

Genus MINDARUS Koch

Key to species: Voegtlin 1995.

| | | | | | | | | | | | | | | | | |
|---|----|---|---|---|----|----|----|----|----|----|----|---|----|----|---|-----|
| <i>M. abietinus</i> Koch | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | - | [F] |
| balsam twig aphid; puceron des pousses du sapin | | | | | | | | | | | | | | | | |
| <i>M. obliquus</i> (Cholodkovsky) | AK | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | - | |
| <i>M. victoria</i> Essig | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | |

Family PEMPHIGIDAE

Woolly aphids, gall aphids. Mainly host-alternating, forming galls or pseudogalls on the primary host. Most produce copious amounts of wax filaments, resulting in woolly colonies. Many species can persist parthenogenetically for several years on the secondary hosts. Primary hosts of Eriosomatinae are Ulmaceae; those of Fordinae are Anacardiaceae; Pemphiginae Pemphigini use *Populus* species; and Pemphiginae Prociphilini occur on various deciduous trees and shrubs. Many Prociphilini use roots of conifers as secondary hosts. Both males and sexual females are minute wingless forms and lack mouthparts. The sexual female produces only one egg. Holarctic and Oriental, with a few species now widespread by introduction. This family includes some aphids of economic significance (sugarbeet root aphid, lettuce root aphid, apple woolly aphid).

Head and pronotum of apterae fused; eyes of apterae (except triommatidia) absent or greatly reduced; antennae with 6 segments; terminal process almost always shorter than basal part of ultimate segment; secondary rhinaria of alatae annular, oval, rounded or irregular; tibiae often with apical rastral setae; dorsoapical setae of distal tarsal segments often capitate in first instar larva, acuminate in adults; pretarsal setae acuminate; basal tarsal segments triangular; thin-walled tubercles absent; wax glands aggregated into faceted plates; siphunculi poriform or absent; anal plate entire; cauda semicircular; sexual females and males minute, apterous, without mouthparts; females producing a single egg.

Subfamily ERIOSOMATINAE

Tribe Eriosomatini

Genus ERIOSOMA Leach

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|-----|----|----|----|-----|-----|-----|-----|----|-----|---|--|
| <i>E. americanum</i> (Riley) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - | |
| woolly elm aphid; puceron lanigère de l'orme | | | | | | | | | | | | | | | | |
| <i>E. crataegi</i> (Oestlund) | - | - | - | - | BC | - | - | MB | ON | QC | NB | - | NS | - | - | |
| woolly hawthorn aphid; puceron lanigère de l'aubépine | | | | | | | | | | | | | | | | |
| <i>E. grossulariae</i> (Schule) | - | - | - | - | BC* | - | - | - | ON? | QC* | NB* | PE? | - | NF* | - | |
| <i>E. lanigerum</i> (Hausmann) | - | - | - | - | BC | AB | - | MB | ON | QC | NB | - | NS | - | - | |
| woolly apple aphid; puceron lanigère du pommier | | | | | | | | | | | | | | | | |
| <i>E. lanuginosum</i> (T. Hartig) | - | - | - | - | - | - | - | - | ON? | - | - | - | - | - | - | |
| <i>E. mimicum</i> Hottes & Frison | - | - | - | - | - | - | - | MB | ON | QC | NB | - | - | - | - | |
| <i>E. pyricola</i> Baker & Davidson | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | |
| <i>E. rileyi</i> Thomas | - | - | - | - | BC | AB | - | - | - | QC | - | - | - | - | - | |
| <i>E. wilsoni</i> Remaudière | - | - | - | - | - | - | - | - | ON | QC | NB | - | - | - | - | |

Tribe Tetraneurini

Genus GHARESIA Stroyan

G. polunini Stroyan - - - - BC - - - - - [?]

Genus COLOPHA Monell

C. ulmicola (Fitch) - - - - BC - - MB ON QC - - NS - -
elm cockscomb gall aphid; puceron à galle de l'orme

Genus KALTENBACHIELLA Schouteden

K. ulmifusa (Walsh & Riley) - - - - - ON QC - - - - -
elm pouchgall aphid; puceron gallicole de l'orme

Genus TETRANEURA Hartig

Revision: Hille Ris Lambers 1970 [world].

(Subgenus TETRANEURA Hartig)

T. ulmi (Linnaeus) - - - - BC* AB* SK* MB* ON* QC* NB* PE* - - -

(Subgenus TETRANEURELLA Hille Ris Lambers)

T. nigriabdominalis (Sasaki) - - - - - ON* - - - - -

Subfamily FORDINAE

Tribe Fordini

Genus FORDA von Heyden

F. formicaria von Heyden - - - - BC* AB* SK* MB* ON* QC* NB* - - - -
F. marginata Koch - - - - BC* AB* - MB* - - NB* - - - -

Genus GEOICA Hart

G. squamosa Hart - - - - - - - - NB* - - - -
G. utricularia (Passerini) - - - - BC* AB* - - - - NB* - - - -

Genus SMYNTHURODES Westwood

S. betae Westwood - - - - BC* - SK* - - QC* NB* - - - -

Tribe Melaphidini

Genus MELAPHIS Walsh

M. rhois (Fitch) - - - - - ON QC NB - NS - -

Subfamily PEMPHIGINAE

Key to genera: Smith 1974.

Tribe Pemphigini

Genus MORDWILKOJA Del Guercio

M. vagabunda (Walsh) - - - - BC AB SK MB ON QC NB - NS NF -
poplar vagabond aphid; puceron vagabond du peuplier

Genus PEMPHIGUS Hartig

Key: Smith 1985, Harper 1959, Alleyne & Morrison 1977.

P. betae Doane - YK - - BC AB SK MB ON QC NB - - - - [A]
sugarbeet root aphid; puceron de la betterave à sucre

P. bursarius (Linnaeus) - - - - BC* AB* SK* MB* ON* QC* - - - - [A]
lettuce aphid; puceron des racines maraichères

P. groenlandicus (Rübsaamen) - - - - NU - - - - - - - -

P. monophagus Maxson - - - - BC AB SK MB - QC NB - - - -

| | | | | | | | | | | | | | | | |
|--|----|---|---|---|-----|----|----|----|-----|-----|----|-----|----|---|---|
| <i>Pemphigus nortonii</i> Maxson | - | - | - | - | BC | AB | SK | MB | - | QC | - | - | - | - | - |
| <i>P. populicaulis</i> Fitch | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | - | - | - |
| <i>P. populiglobuli</i> Fitch | AK | - | - | - | - | AB | - | MB | - | QC | NB | - | - | - | - |
| <i>P. populiramulorum</i> Riley | - | - | - | - | BC | AB | - | MB | - | QC | - | - | - | - | - |
| <i>P. populitransversus</i> Riley | - | - | - | - | - | AB | - | MB | ON | QC | - | - | - | - | - |
| poplar petiolegall aphid; puceron des feuilles du peuplier [A] | | | | | | | | | | | | | | | |
| <i>P. populivenae</i> Fitch | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - |
| <i>P. spyrothecae</i> Passerini | - | - | - | - | BC* | - | - | - | ON* | QC* | - | PE* | - | - | - |
| <i>P. tartareus</i> Hottes & Frison | - | - | - | - | - | AB | SK | MB | - | QC | - | - | NS | - | - |

Genus THECABIUS Koch

Key, review: Smith 1974.

(Subgenus THECABIUS Koch)

| | | | | | | | | | | | | | | | |
|---------------------------------|----|----|----|---|----|----|---|----|----|-----|----|---|---|----|---|
| <i>T. affinis</i> (Kaltenbach) | AK | YK | NT | - | BC | AB | - | MB | - | QC | NB | - | - | - | - |
| <i>T. populimonilis</i> (Riley) | - | YK | NT | - | BC | AB | - | MB | ON | QC | NB | - | - | - | - |
| (Subgenus PARATHECABIUS Börner) | | | | | | | | | | | | | | | |
| <i>T. gravicomis</i> (Patch) | - | - | - | - | BC | AB | - | MB | ON | QC | NB | - | - | NF | - |
| <i>T. lysimachiae</i> Börner | - | - | - | - | - | - | - | - | - | QC* | - | - | - | - | - |

Tribe Prociphilini**Genus CLYDESMITHIA** Danielsson

| | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|----|----|---|---|---|---|---|---|---|---|---|
| <i>C. canadensis</i> Danielsson | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - |
|---------------------------------|---|---|---|---|----|----|---|---|---|---|---|---|---|---|---|

Genus GRYLLOPROCIPHILUS C.F. Smith & Pepper

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|
| <i>G. imbricator</i> (Fitch) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| beech blight aphid; puceron fugace du hêtre | | | | | | | | | | | | | | | |

Genus NEOPROCIPHILUS Patch

| | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|----|----|---|----|---|---|---|---|
| <i>N. aceris</i> (Monell) | - | - | - | - | - | - | - | MB | ON | - | NB | - | - | - | - |
|---------------------------|---|---|---|---|---|---|---|----|----|---|----|---|---|---|---|

Genus PACHYPAPPA Koch

Key, review: Smith 1974.

| | | | | | | | | | | | | | | | |
|-------------------------------|----|----|---|---|----|----|----|----|----|----|----|----|----|----|---|
| <i>P. pseudobyrza</i> (Walsh) | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - | - |
| <i>P. sacculi</i> (Gillette) | AK | - | - | - | BC | AB | - | MB | ON | QC | NB | - | NS | - | - |
| <i>P. tremulae</i> (Linnaeus) | - | YK | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | - |

Genus PARAPROCIPHILUS Mordvilko

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|----|----|----|----|---|----|---|---|
| <i>P. tessellatus</i> (Fitch) | - | - | - | - | - | - | - | MB | ON | QC | NB | - | NS | - | - |
| woolly alder aphid; puceron lanigère de l'aulne | | | | | | | | | | | | | | | |

Genus PROCIPHILUS Koch

Key, review: Smith 1974 [North America].

(Subgenus MELIARHIZOPHAGUS Sanborn)

| | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|----|----|----|----|----|----|---|---|---|---|---|
| <i>P. fraxinifolii</i> (Riley) | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - |
|--------------------------------|---|---|---|---|----|----|----|----|----|----|---|---|---|---|---|

(Subgenus NEOPARACLETUS Strom)

| | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|----|----|---|---|----|---|---|---|----|---|---|
| <i>P. corrugatus</i> (Serrine) | - | - | - | - | BC | AB | - | - | ON | - | - | - | NS | - | - |
|--------------------------------|---|---|---|---|----|----|---|---|----|---|---|---|----|---|---|

(Subgenus PROCIPHILUS Koch)

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|----|----|---|----|-----|----|----|----|----|---|---|
| <i>P. americanus</i> (Walker) | - | - | - | - | BC | AB | - | - | - | QC | NB | PE | NS | - | - |
| <i>P. carolinensis</i> C.F. Smith | - | - | - | - | - | - | - | MB | ON? | QC | NB | - | - | - | - |
| <i>P. caryae caryae</i> (Fitch) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>P. caryae fitchii</i> Baker & Davidson | - | - | - | - | BC | - | - | - | ON | QC | NB | PE | - | - | - |
| <i>P. erigeronensis</i> (Thomas) | - | - | - | - | - | - | - | MB | ON | QC | NB | - | - | - | - |

(Subgenus PULVIUS Sanborn)

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|
| <i>Prociphilus probosceus</i> (Sanborn) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|

(Subgenus STAGONA Koch)

| | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|----|----|---|---|---|---|
| <i>P. crataegistrobi</i> (C.F. Smith) | - | - | - | - | - | - | - | - | - | QC | NB | - | - | - | - |
|---------------------------------------|---|---|---|---|---|---|---|---|---|----|----|---|---|---|---|

| | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|
| <i>P. picearubensis</i> (C.F. Smith) | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
|--------------------------------------|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|

| | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|-----|---|---|---|-----|---|---|-----|---|-----|---|
| <i>P. xylostei</i> (DeGeer) | - | - | - | - | BC* | - | - | - | MB* | - | - | NB* | - | NS* | - |
|-----------------------------|---|---|---|---|-----|---|---|---|-----|---|---|-----|---|-----|---|

Genus TILIPHAGUS C.F. Smith

| | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|
| <i>T. lycoposugus</i> C.F. Smith | - | - | - | - | - | - | - | - | - | ON | - | - | - | - | - |
|----------------------------------|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|

Family PHLOEOMYZIDAE

One genus, probably with only a single species. Feeds on the trunk and main branches of poplar trees. In North America, known only from collections in Maine and an unspecified locality in Atlantic Canada (probably in New Brunswick). We follow Blackman & Eastop (1994) in treating these collections (originally described as *Phloeomyzus dearborni* C.F. Smith) as introduced colonies of the widespread Palearctic species.

Head and pronotum of apterae separate; antennae with 6 segments; terminal process shorter than basal part of ultimate segment; secondary always absent; eyes of apterae (except triommatidia) absent; tibiae with apical rastral structures; dorsoapical setae of distal tarsal segments acuminate; pretarsal setae acuminate; basal tarsal segments triangular; thinwalled tubercles absent; wax glands aggregated into faceted plates, restricted to abdominal segment VIII; siphunculi poriform; anal plate entire; cauda semicircular; oviparous females alate.

Genus PHLOEOMYZUS Horváth

| | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|-----|---|---|---|---|
| <i>P. passerinii</i> (Signoret) | - | - | - | - | - | - | - | - | - | - | NB? | - | - | - | - |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|-----|---|---|---|---|

Family THELAXIDAE

This small family of non-host-alternating tree-feeding aphids has species in the Holarctic and Oriental regions. North American species feed on oaks and Betulaceae.

Head and pronotum of apterae fused; antennae with 5 segments; terminal process shorter than basal part of ultimate segment; secondary rhinaria of alatae oval or rounded; eyes of apterae (except triommatidia) absent; tibiae without apical rastral structures; dorsoapical setae of distal tarsal segments acuminate, ventral apical setae capitate; pretarsal setae acuminate or capitate; basal tarsal segments triangular; thin-walled tubercles absent; wax glands not aggregated into discrete structures; anal plate entire; cauda knobbed or rounded.

Genus GLYPHINA Koch

| | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|-----|---|---|---|---|---|-----|---|-----|---|---|
| <i>G. betulae</i> (Linnaeus) | - | - | - | - | BC* | - | - | - | - | - | NB* | - | NS* | - | - |
|------------------------------|---|---|---|---|-----|---|---|---|---|---|-----|---|-----|---|---|

| | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|
| <i>G. longiseta</i> Richards | - | - | - | - | - | - | - | - | - | - | - | - | NS | - | - |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|

| | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|----|----|---|----|---|---|---|
| <i>G. setosa</i> MacGillivray | - | - | - | - | - | - | - | - | MB | ON | - | NB | - | - | - |
|-------------------------------|---|---|---|---|---|---|---|---|----|----|---|----|---|---|---|

Genus THELAXES Westwood

| | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|----|---|---|---|---|-----|---|---|---|---|---|
| <i>T. californica</i> (Davidson) | - | - | - | - | BC | - | - | - | - | ON? | - | - | - | - | - |
|----------------------------------|---|---|---|---|----|---|---|---|---|-----|---|---|---|---|---|

Infraorder Coccoidea

Keys to families and genera: Kosztarab 1996 [eastern North America].

Regional guides: Kosztarab 1996 [eastern North America], Ferris 1937-1955 [Illustrated atlas for North America].

Regional lists: Kozár *et al.* 1989 [British Columbia].

Bibliographies: Morrison & Renk 1957, Morrison & Morrison 1965, Russel *et al.* 1974, Kosztarab & Kosztarab 1988.

World Wide Web Site (catalogue, bibliography, general information): Ben-Dov *et al.* 1996.

Scale insects and mealybugs; cochénilles. The females of all scale insects and mealybugs are wingless. Adult females of most scale insects are sessile, with reduced appendages and frequently with a covering consisting of a thickened dorsal integument or secreted wax test or 'shell'. Mealybugs generally remain motile and are usually covered with mealy or filamentous wax. The short-lived adult males have one pair of wings (some without wings) and do not feed. Although more diverse in warmer parts of the globe, a few species are found as far north as Ellesmere Island. Because of their small size, cryptic appearance and sessile habits, many species have been transported worldwide by trade in plants and plant products.

The Canadian fauna is largely unstudied, with that of British Columbia being best known. Scudder (1979) estimated there to be 56 species recorded and 4 expected in Canada. This list almost doubles the number to 116 species.

Superfamily Orthezioidea

Family MARGODIDAE

Giant scale insects; ground pearls. Adult females usually large (most more than 10 mm), motile with well developed legs, some species fossorial. The large encysted quiescent larvae of some species are known as ground pearls.

Genus ICERYA Signoret

I. purchasi Maskell - - - - - @ @ - - - - -

Genus MATSUCOCCUS Cockerell

M. macrocitrices Richards - - - - - ON - NB - NS - -
white pine fungus scale; cochenille cachée du pin

M. secretus Morrison - - - - - BC - - - - -

Genus STEINGELIA Nasonov

S. gorodetskia Nasonov - - - - - ON* QC* - - - - -

Genus XYLOCOCCULUS Morrison

X. betulae (Pergande) - - - - - NB PE NS - -

Family ORTHEZIIDAE

Ensign scales. Females are active, with long well developed legs, and bear large overlapping dorsal wax plates. They feed on various woody and herbaceous plants and are often found in leaf litter.

Genus ARCTORTHEZIA Cockerell

A. cataphracta (Olfsten) AK YK NT - - AB - - - - - NF -

A. occidentalis (Douglas) - - - - - BC - - - - -

Genus NEWSTEADIA Green

N. americana Morrison - - - - - ON - - - - -

Genus DACTYLOPIUS O.G. Costa*D. confusus* (Cockerell)

- - - - - SK - - - - -

Family DIASPIDIDAE

Key to genera and species: Ferris 1942 [North America].

Armoured scales. First instar larvae remain motile for only a short while before settling. The body of females and of larval males is covered by a tough covering composed of cast larval skins and wax secretions. Adult females are pyriform to elongate, with head and thorax completely fused, antennae reduced to tubercles and legs absent (or, rarely, tuberculiform). Most species feed on woody angiosperms, but some feed on herbaceous plants and a few on conifers. A number of species are important fruit and ornamental tree pests.

Genus ABGRALLASPIS Balachowsky*A. ithaeae* (Ferris)

hemlock scale; cochenille de la pruche

- - - - - NB - - - - -

Genus ACUTASPIS Ferris*A. morrisonorum* Kosztarab

- - - - - QC - - - - -

Genus AONIDIELLA Berlese & Leonardi*A. aurantii* (Maskell)

- - - - - SK - - - - -

Genus AULACASPIS Cockerell*A. rosae* (Bouché)

rose scale; cochenille du rosier

- - - - - ON - - - - -

Genus CARULASPIS MacGillivray*C. juniperi* (Bouché)

juniper scale; cochenille du genévrier

- - - - - BC - - - - - ON - - - - -

Genus CHIONASPIS SignoretRevision: Liu *et al.* 1989 [females, North America], Bullington, Kosztarab & Jiang 1989 [males, North America].*C. corni* Cooley

dogwood scale; cochenille du cornouiller

- - - - - ON - - - - -

C. furfura (Fitch)

scurfy scale; cochenille écailleuse

- - - - - AB SK MB ON - - - - -

C. lintneri Comstock

Lintner scale; cochenille de Lintner

- - - - - BC - - - - - ON QC NB PE NS - -

C. orthobolis Comstock

- - - - - BC - - - - -

C. pinifoliae (Fitch)

pine needle scale; cochenille des aiguilles du pin

- - - - - BC AB SK - - ON QC - - - - - [F]

C. salicisnigrae (Walsh)

willow scurfy scale; cochenille d'arctose du saule

- - - - - ON - - - - -

Genus CHRYSOMPHALUS Ashmead*C. aonidium* (Linnaeus)

- - - - - QC - - - - -

C. dictyospermi (Morgan)

- - - - - QC - - - - -

Genus DIASPIDIOTUS Berlese & Leonardi*D. aesculi* (Johnson)

- - - - - BC - - - - - ON - - - - -

D. ancylus (Putnam)

Putnam scale; cochenille de Putnam

- - - - - SK MB ON - - - - -

D. ehrhorni (Colman)

- - - - - SK - - - - -

Genus DYNASPIDIOTUS Thiem & Gernack*D. britannicus* (Newstead)

- - - - - BC - - - - -

Genus HEMIBERLESIA Cockerell

H. popularum (Marlatt) - - - - BC AB - - ON - - - - -

Genus LEPIDOSAPHES Shimer

L. ulmi (Linnaeus) - - - - BC AB - - ON - - - - - [A]
oystershell scale; cochenille virgule du pommier

Genus MELANASPIS Cockerell

M. obscura (Comstock) - - - - - ON - - PE - - -

Genus NUCULASPIS Ferris

N. californica (Coleman) - - - - BC - - - - - [F]

Genus PINNASPIS Cockerell

P. aspidistrae (Signoret) - - - - - [QC] - - - - - [G]

Genus QUADRASPIDIOTUS MacGillivray

Q. gigas (Thiem & Gernack) - - - - BC - - - ON - NB - NS - -

Q. juglansregiae (Comstock) - - - - BC - - - ON - - - - -
walnut scale; cochenille du noyer

Q. ostreaeformis (Curtis) - - - - BC - SK - ON - - - NS - - [AO]
European fruit scale; cochenille ostréiforme

Q. perniciosus (Comstock) - - - - BC - - - ON QC - - {NS} - - [AO]
San José scale; cochenille de San José

Genus RHIZASPIDIOTUS MacGillivray

R. dearnessi (Cockerell) - - - - BC - - - ON - - - - -

Genus STRAMENASPIS Ferris

S. kelloggi (Coleman) - - - - BC - - - - -

Genus UNASPIS MacGillivray

U. euonymi (Comstock) - - - - BC - - - - -
euonymus scale; cochenille du fusain

Family ERIOCOCCIDAE

Keys to genera and species: Miller 1992 [western North America], Miller & Miller 1993 [eastern North America].

Catalogue: Hoy 1963 [world].

Felt scales. Adult female entirely (partly in a few species) enclosed by an ovoid feltlike wax egg sac; legs and antennae usually rather well developed.

Genus ACANTHOCOCCUS Signoret

A. azaleae (Comstock) - - - - - ON - - - NS - -

A. greeni (Newstead) - - - - BC - - - - -

Genus GOSSYPARIA Signoret

G. spuria (Modeer) - - - - BC* - - - ON* QC* - - - - -
European elm scale; cochenille de l'orme

Family KERMESIDAE

Revision: Bullington & Kosztarab 1985.

Gall-like scales. Mature females of most members of this family are large, heavily sclerotized and strongly convex to spherical, often marked with bands of pigment or wax. Host plants are in Fagaceae (except for the conifer-feeding *Eriokermes* spp.). Often attended by ants due to the large amount of honeydew produced.

Genus ALLOKERMES Bullington & Kosztarab

A. galliformis (Riley)

- - - - - ON - - - - -

Family PSEUDOCOCCIDAE

Key to genera: Ferris 1950, 1953 [North America].

Catalogue: Ben-Dov 1994 [world].

Mealybugs. Adult females of most species remain motile (a few sessile genera with reduced appendages). The body is covered by a mealy wax coat (reduced in species living in concealed habitats), and most produce a filamentous egg sac. Hosts of most species are herbaceous plants, especially grasses. Often attended by ants. Almost 2000 known species in the world.

Some authors place *Puto* and closely related genera in a separate family, Putoidae, the giant mealybugs.

Genus ANISOCOCCUS Ferris

A. oregonensis Ferris

- - - - - BC - - - - -

A. quercus (Ehrlhorn)

- - - - - BC - - - - -

Genus CHNAUROCOCCUS Ferris

C. trifolii (Forbes)

- - - - - ON - - - - -

Genus CHORIZOCOCCUS McKenzie

C. altoarcticus (Richards)

- - - - - NU - - - - -

Genus HETEROCOCCUS Ferris

Review: Miller & McKenzie 1970 [world].

H. nudus (Green)

- - - - - BC - - - - -

Genus PHENACOCCUS Cockerell

P. aceris (Signoret)

apple mealybug; cochenille du pommier

- - - - - BC* - - - - - ON* - - - - - PE* NS* - - - - - [A]

P. capensis Ferris

- - - - - BC - - - - -

P. colemani Ehrlhorn

- - - - - BC - - - - -

P. deamessi King

- - - - - - - - - - - ON - - - - -

P. minimus Tinsley

- - - - - AB - - - - -

P. solani Ferris

- - - - - BC - - - - -

Genus PELIOCOCCUS Borchsenius

P. serratus (Ferris)

- - - - - ON - - - - -

Genus PSEUDOCOCCUS Westwood

P. affinis (Maskell)

- - - - - BC* - - - - - NB* - - - - - [G]

P. comstocki (Kuwana)

Comstock mealybug; cochenille de Comstock

- - - - - BC* - - - - - ON* - - - - - [A]

P. maritimus (Ehrlhorn)

grape mealybug; cochenille de la vigne

- - - - - BC - - - - - ON QC - - - - - NS - - - - -

P. bryanthi Ferris

P. cupressi (Coleman)

fir mealybug: cochenille du sapin

S. geranioides (Rau)

S. Kristen McKenzie

T. cervosus Kozlov & Foottit

T. americanus (Cockerell)

T. canis McConnell

T. utahensis (Cookerell)

Suborder Clypeorrhyncha

Cicadas, leafhoppers, froghoppers and treehoppers. Mouthparts arising from posterior part of head capsule; antennae short, bristle-like, arising in front of, or between eyes; lora well defined by sulcus; middle coxae short, approximate; tarsi with 3 segments; elaborate filter chamber in mesenteron.

Superfamily Cicadoidea

Keys to genera and species: Beirne 1961 [Canada].

Cicadas. Cicadas are primarily tropical insects although one species reaches the Mackenzie River, the northern world limit for cicadas. Immature cicadas live long, subterranean lives, feeding on the roots of various plants (primarily trees) and are occasionally imported to Canada on root balls of nursery stock, emerging to universal surprise in homes and hotel lobbies. The fore femur is armed with spines for digging; the hind tibia of the large adult has only 1 or 2 stout spines and usually a circlet of apical spines, but none on the tarsi. Adults are familiar to many Canadians from the buzzing sounds created by males signaling to females in midsummer, a noise that may be heard for as much as a kilometre away in the case of the common eastern "dog-day" cicada. These are the only animals that are known to be able to "turn off" their hearing by tightening a muscle attached to the eardrum.

All our species belong to the single family Cicadidae, following the classification of Moulds (1990). Subfamilies recognized here are based on monophyletic groupings: Cicadinae characterized by concealed tympana, Platypedinae by elongate male telson, and Tibicininae by the fore femur armed with three or more spines.

Few species are known from Canada, probably not many more than the 21 species listed here; 12 were estimated previously (Scudder 1979). The number may increase with analysis of mating calls, which should reveal sibling species.

Family CICADIDAE

Subfamily CICADINAE

Genus DICEROPROCTA

D. apache (Davis) - - - - - [ON] - - [PE] - - - [A]
citrus cicada

Genus TIBICEN Latreille

T. auletes (Germar) - - - - - ON - - - - - [r]
T. canicularis (Harris) - - - - - SK MB ON QC NB PE NS - -
dog-day cicada; Cigale pruinée
T. linnei Smith & Grossbeck - - - - - ON - - - - -
T. lyricea (DeGeer) - - - - - ON - - - - -
T. sayi Smith & Grossbeck - - - - - (ON) - - - - -

Subfamily PLATYPEDINAE

Genus OKANAGANA Davis

O. bella Davis - - - - - BC AB - - - - -
O. canadensis (Provancher) - - NT - - BC AB SK MB ON QC NB - - -
O. fratercula Davis - - - - - AB - - - - - [r]
O. lurida Davis - - - - - BC - - - - -
O. luteobasalis Davis - - - - - AB - - - - -
O. noveboracensis Emmons - - - - - MB ON - - - - - [r]

Cercopidae

| | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|----|----|----|----|----|----|----|---|----|---|---|---|---|---|-----|
| <i>Okanagana occidentalis</i> (Walker) | - | - | - | - | BC | AB | - | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>O. oregona</i> Davis | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>O. ornata</i> (Van Duzee) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>O. rimosa</i> (Say) | - | - | - | - | - | AB | SK | MB | ON | QC | NB | - | NS | - | - | - | - | - | [r] |
| <i>O. synodica</i> (Say) | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>O. vanduzeei</i> Distant | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Genus PLATYPEDIA Uhler | | | | | | | | | | | | | | | | | | | |
| <i>P. areolata</i> (Uhler) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | [A] |
| saimontly | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. putnami</i> (Uhler) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Subfamily TIBICININAE

Genus MAGICICADA Davis

| | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---------|---|---|---|---|---|---|---|---|-----|
| <i>M. septendecim</i> (Linnaeus) | - | - | - | - | - | - | - | - | - | ON (oc) | - | - | - | - | - | - | - | - | [A] |
| periodical cicada; cigale dix-sept ans | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Superfamily Cercopoidea

Keys to genera and species: Hamilton 1982 [Canada].

Spittlebugs; froghoppers; cercopides. Froghoppers are primarily tropical insects but have a distinct fauna of common northern-adapted genera. Adults generally have long lives compared to other true bugs; one rare species in Canada (*Philaronia canadensis* Walley) overwinters and may be found in all months of the year except July. Larvae generally cover themselves with a frothy secretion.

Spittlebugs are only considered pests in confined situations such as greenhouses, although they may be vectors of xylem-borne diseases. One European species, the meadow spittlebug *Philaenus spumarius* (L.) is among the most common and ubiquitous of bugs in much of southern Canada, although it is rare on the prairies.

Classifications usually recognize two families, the world-wide, "spittle"-producing Cercopidae and the old world, tube-dwelling Machaerotidae, but many also place Aphrophoridae and Clastopteridae as separate families. The last of these makes only small, unstable frothy "spittle" masses; it appears to be related to old world genera (e.g. *Patriziana* Lallemand) that construct similar frothy masses that dry to form fragile tubes. They are probably relatives of Machaerotidae, and are here considered to merit separate family status. The boundaries between Aphrophorinae and Cercopinae are uncertain at best.

The froghopper fauna of Canada is well known with 24 species of Cercopidae and 12 species of Clastopteridae (Hamilton 1982). This compares well with the previous estimate of 38 species from Canada (Scudder 1979).

Family CERCOPIDAE

Genus APHROPHORA Germar

| | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|----|----|---|----|----|----|----|----|-----|-----|----|----|----|---|---|---|---|-----|
| <i>A. alni</i> (Fallén) | - | - | - | - | - | - | - | - | - | ON* | QC* | - | - | - | - | - | - | - | - |
| european alder spittlebug | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. ampliata</i> Hamilton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>A. canadensis</i> Walley | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| cone spittlebug | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. cribrata</i> (Walker) | - | - | - | - | - | - | SK | MB | ON | QC | NB | PE | NS | - | - | - | - | - | - |
| pine spittlebug; aphrophore du pin | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. fulva</i> Doering | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| western pine spittlebug | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. gelida</i> (Walker) | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - | - | - | - | - |
| boreal spittlebug | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. maculosa</i> Doering | - | YK | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | | | |
|---|-----|---|---|---|---|----|---|----|----|----|----|----|----|----|---|---|
| <i>Aphrophora parallella</i> (Say)
spruce spittlebug; aphrophore de l'épinette | - | - | - | - | - | - | - | - | MB | ON | QC | NB | - | NS | - | - |
| <i>A. permutata</i> Uhler
douglas-fir spittlebug; aphrophore du Douglas | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>A. princeps</i> Walley | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>A. quadrinotata</i> Say
four-spotted spittlebug | - | - | - | - | - | - | - | SK | MB | ON | QC | NB | PE | NS | - | - |
| <i>A. regina</i> Hamilton | AK? | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>A. saratogensis</i> (Fitch)
Saratoga spittlebug; aphrophore Saratoga | - | - | - | - | - | - | - | - | MB | ON | QC | - | - | NS | - | - |

Genus LEPYRONIA Amyot & Serville

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|----|----|----|-----|-----|----|---|----|---|---|-----|
| <i>L. coleoprata</i> (Linnaeus) | - | - | - | - | - | - | - | - | ON* | QC* | - | - | - | - | - | [A] |
| <i>L. gibbosa</i> Ball
hill-prairie spittlebug | - | - | - | - | - | - | SK | MB | - | - | - | - | - | - | - | - |
| <i>L. quadrangularis</i> (Say)
diamond-back spittlebug | - | - | - | - | - | AB | SK | MB | ON | QC | NB | - | NS | - | - | - |

Genus NEOPHILAENUS Haupt

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|-----|---|---|---|-----|-----|-----|-----|-----|-----|-----|
| <i>N. lineatus</i> (Linnaeus)
lined spittlebug | - | - | - | - | - | BC* | - | - | - | ON* | QC* | NB* | PE* | NS* | NF* | [A] |
|---|---|---|---|---|---|-----|---|---|---|-----|-----|-----|-----|-----|-----|-----|

Genus PARAPHILAENUS Vibaste

| | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|
| <i>P. parallelus</i> (Stearns) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
|--------------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|

Genus PHILAENARCYS Hamilton

| | | | | | | | | | | | | | | | | |
|---|----|----|----|---|----|----|----|----|----|----|----|----|----|---|---|-----|
| <i>P. bilineata</i> (Say)
prairie spittlebug | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | NS | - | - | - |
| <i>P. killa</i> Hamilton
sand-prairie spittlebug | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | [r] |
| <i>P. spartina</i> Hamilton | - | - | - | - | - | - | - | - | - | QC | NB | PE | NS | - | - | - |

Genus PHILAENUS Stål

| | | | | | | | | | | | | | | | | |
|---|-----|---|---|---|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|---|-----|
| <i>P. spumarius</i> (Linnaeus)
meadow spittlebug; cercope des prés | AK* | - | - | - | BC* | AB* | - | MB* | ON* | QC* | NB* | PE* | NS* | NF* | - | [A] |
|---|-----|---|---|---|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|---|-----|

Genus PHILARONIA Ball

| | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|-----|
| <i>P. canadensis</i> (Walley) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | [r] |
|-------------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|-----|

Genus PROSAPIA Fennah

| | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|
| <i>P. ignipectus</i> (Fitch)
black spittlebug | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
|--|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|

Family CLASTOPTERIDAE**Genus CLASTOPTERA** Germar

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|----|----|----|----|----|----|----|----|----|---|---|-----|
| <i>C. achatina</i> Germar
pecan spittlebug | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>C. arborina</i> Ball
red-cedar spittlebug | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>C. atripicata</i> Hamilton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. brunnea</i> Ball | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. doeringae</i> Hamilton
mountain-juniper spittlebug | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. hyperici</i> Gibson | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | [r] |
| <i>C. juniperina</i> Ball | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>C. obtusa</i> (Say)
alder spittlebug; cercope de l'aune | - | - | - | - | - | AB | SK | MB | ON | QC | NB | PE | NS | - | - | - |
| <i>C. ovata</i> Doering | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | | |
|--|---|---|---|---|-----|---|---|----|----|----|----|----|----|---|---|
| <i>Clastoptera proteus</i> Fitch
dogwood spittlebug | - | - | - | - | BC* | - | - | MB | ON | QC | NB | PE | - | - | - |
| <i>C. saintcyri</i> Provancher
heath spittlebug | - | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | - | - |
| <i>C. testacea</i> Fitch | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - |

Superfamily Membracoidea

Family CICADELLIDAE

Key to genera: Oman 1949 [North America], Beirne 1956 [Canada].

Keys species: Nielson 1968 [North America (economic species)], Hamilton 1985 [Canada (species on trees)]. Because many of our common species are introductions from Europe, the following are also useful: Hamilton 1983 [North America], Ossiannilsson 1981, 1983 [northern Europe].

Leafhoppers; cicadellides. Leafhoppers are a very large family (sometimes subdivided into as many as 17 families) of world-wide distribution consisting of well over 16 000 species. The long hind tibia with one or more rows of slender spines are highly adapted for leaping, but make leafhoppers awkward at running (but excellent at dodging to the opposite side of a leaf or stem). Many "microleafhoppers" (subfamily Typhlocybinae) are wind-dispersed over enormous distances; by contrast, most "macroleafhoppers" (other subfamilies) seem to disperse at most a few kilometres a year by flight. The family includes a large proportion of the prairie endemic insect fauna and also has many species that are important vectors of plant diseases.

The generic and suprageneric classification is in a state of flux at present, with an overemphasis on male genitalic characters. Consequently, the genus groupings presented here are considered tentative.

Over 1 100 species are known from Canada, with an estimated fauna of 1262 species, comparable to the previous estimate (Scudder 1979). Undescribed species are primarily in *Colladonus* and *Empoasca*.

Diplocolenus abdominalis (Fabricius) is recorded for the first time in North America.

Subfamily APHRODINAE

Genus ACINOPTERUS Van Duzee

| | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|----|----|----|---|---|---|---|---|---|---|---|
| <i>A. viridis</i> Van Duzee | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - |
|-----------------------------|---|---|---|---|----|----|----|---|---|---|---|---|---|---|---|

Genus AFLEXIA Oman

| | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|----|----|---|---|---|---|---|---|
| <i>A. rubranura</i> (DeLong) | - | - | - | - | - | - | - | MB | ON | - | - | - | - | - | - |
|------------------------------|---|---|---|---|---|---|---|----|----|---|---|---|---|---|---|

Genus ALIGIA Ball

| | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|
| <i>A. californica</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
|---------------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|

Genus ALLYGUS Fieber

| | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|-----|---|---|-----|-----|---|---|-----|---|---|-----|
| <i>A. atomarius</i> (Fabricius) | - | - | - | - | - | - | - | ON* | QC* | - | - | - | - | - | [A] |
| <i>A. mixtus</i> (Fabricius) | - | - | - | - | BC* | - | - | - | - | - | - | NS* | - | - | [A] |

Genus AMBLYSELLUS Sleesman

| | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|----|----|----|----|----|----|---|---|---|---|---|
| <i>A. curtisii</i> (Fitch) | - | - | - | - | - | - | - | ON | QC | NB | - | - | - | - | - |
| <i>A. dorsti</i> (Oman) | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - |
| <i>A. grex</i> (Oman) | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - |
| <i>A. punctatus</i> (Osborn & Ball) | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>A. valens</i> (Beamer & Tuthill) | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - |
| <i>A. wyomus</i> (Kramer) | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - |

Genus AMPLICEPHALUS DeLong

| | | | | | | | | | | | | | | | |
|--|---|---|----|---|----|----|----|----|----|----|----|----|----|----|-------|
| <i>A. inimicus</i> (Say)
painted leafhopper | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - [A] |
| <i>A. littoralis</i> (Ball) | - | - | - | - | - | - | - | - | - | QC | - | - | NS | - | - |

| | | | | | | | | | | | | | | | | | | | |
|--|----|----|----|----|----|---|----|----|----|----|----|----|----|---|---|---|---|---|---|
| <i>Amplicephalus montanus</i> (DeLong & Slesman) | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. nebulosus</i> (Ball) | AK | YK | NT | - | BC | - | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. osborni</i> (Van Duzee) | - | - | - | - | - | - | - | MB | ON | QC | NB | - | - | - | - | - | - | - | - |
| <i>A. simplarius</i> (Osborn & Ball) | - | - | - | - | - | - | - | - | - | QC | NB | PE | NS | - | - | - | - | - | - |

Genus ANOSCOPUS Kirschbaum

| | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|-----|---|---|-----|-----|-----|-----|-----|-----|-----|---|---|---|---|-----|
| <i>A. albifrons</i> (Linnaeus) | - | - | - | - | BC* | - | - | - | - | - | NB* | NS* | - | - | - | - | - | - | [A] |
| <i>A. albiger</i> (Germar) | - | - | - | - | BC* | - | - | - | ON* | QC* | NB* | - | - | - | - | - | - | - | [A] |
| <i>A. flavostriatus</i> (Donovan) | - | - | - | - | - | - | - | MB* | ON* | QC* | NB* | - | NS* | NF* | - | - | - | - | [A] |
| <i>A. serratulae</i> (Fabricius) | - | - | - | - | BC* | - | - | - | ON* | QC* | NB* | - | NS* | - | - | - | - | - | [A] |

Genus APHRODES Curtis

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|-----|---|---|---|-----|-----|-----|-----|-----|-----|---|---|---|---|-----|
| <i>A. bicinctus</i> (Schrank)
girdled leafhopper | - | - | - | - | BC* | - | - | - | ON* | QC* | NB* | PE* | NS* | NF* | - | - | - | - | [A] |
| <i>A. costatus</i> (Panzer) | - | - | - | - | BC* | - | - | - | ON* | QC* | - | - | - | NF* | - | - | - | - | [A] |

Genus ATHYSANELLA Baker

| | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|----|----|----|---|----|----|----|----|----|----|---|---|---|---|---|---|---|---|-----|
| <i>A. acuticauda</i> Baker | AK | YK | - | - | BC | AB | SK | MB | - | QC | - | - | - | - | - | - | - | - | - |
| <i>A. attenuata</i> Baker | - | - | NT | - | BC | AB | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. balli</i> (Osborn) | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - | - | - | - |
| <i>A. bifida</i> Ball & Beamer | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. incongrua</i> Baker | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. kadokana</i> Knull | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. longicauda</i> Beime | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>A. macleani</i> Blocker & Wesley | AK | YK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>A. obesa</i> Ball & Beamer | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. occidentalis</i> Baker | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. resusca</i> Blocker & Wesley | - | YK | NT | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. robusta</i> Baker | - | YK | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. secunda</i> Blocker & Wesley | - | - | - | - | - | - | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. sinuata</i> Osborn | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. terebrans</i> Gillette & Baker | - | - | - | - | - | AB | SK | MB | ON | - | - | - | - | - | - | - | - | - | - |
| <i>A. utahna</i> (Osborn) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Genus ATHYSANUS Burmeister

| | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|---|---|---|---|---|-----|
| <i>A. argentarius</i> Metcalf | - | - | - | - | - | - | SK* | MB* | ON* | QC* | NB* | PE* | NS* | - | - | - | - | - | [A] |
|-------------------------------|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|---|---|---|---|---|-----|

Genus ATTENUIPYGA Oman

| | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|----|-----|---|---|---|---|---|---|---|---|---|---|-----|
| <i>A. balli</i> Oman | - | - | - | - | - | - | SK | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. vanduzeei</i> (Osborn & Ball) | - | - | - | - | - | - | - | MB? | - | - | - | - | - | - | - | - | - | - | [r] |

Genus AURIDIUS Oman

| | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|----|---|---|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|
| <i>A. auratus</i> (Gillette & Baker) | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. helvus</i> (DeLong) | - | - | - | - | BC | AB | - | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. ordinatus</i> (Ball) | - | YK | - | - | BC | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. sandaraca</i> Hamilton | - | - | - | - | - | AB | - | MB | ON | - | - | - | - | - | - | - | - | - | - |

Genus BALCLUTHA Kirkaldy

| | | | | | | | | | | | | | | | | | | | |
|--|----|----|----|---|-----|----|----|----|----|----|----|----|----|----|----|---|---|---|---|
| <i>B. abdominalis</i> (Van Duzee) | - | - | - | - | - | AB | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>B. confluens</i> (Rey) | AK | YK | - | - | BC | - | - | MB | ON | QC | - | PE | NS | NF | - | - | - | - | - |
| <i>B. impicta</i> (Van Duzee) | - | - | - | - | BC? | - | - | MB | ON | QC | NB | PE | NS | NF | - | - | - | - | - |
| <i>B. manitou</i> (Gillette & Baker) | AK | YK | NT | - | BC | AB | SK | MB | - | - | - | - | - | NF | - | - | - | - | - |
| <i>B. neglecta</i> (DeLong & Davidson) | - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | - | - | - | - | - |
| <i>B. punctata</i> (Fabricius) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | LB | - | - | - | - |

Genus BALLANA DeLong

| | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|----|----|----|---|---|---|---|---|---|---|---|---|---|-----|
| <i>B. atridorsum</i> (Van Duzee) | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>B. calipera</i> DeLong | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>B. chelata</i> DeLong | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>B. hebea</i> DeLong | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>B. ortha</i> DeLong | - | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - | - | - | - |
| <i>B. remissa</i> DeLong | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>B. titusi</i> (Ball) | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | [r] |

Genus BANDARA Ball

| | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|---|----|---|---|---|---|---|
| <i>B. curvata</i> Knull | - | - | - | - | - | - | - | - | - | - | QC | NB | - | - | - | - | - | - | - |
| <i>B. johnsoni</i> (Van Duzee) | - | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - |
| <i>B. parallela</i> Knull | - | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - | - | - | - |

Genus CALADONUS Oman

| | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|-----|
| <i>C. coquilletti</i> (Van Duzee) | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
|-----------------------------------|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|-----|

Genus CALANANA DeLong

| | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|-----|
| <i>C. rubralineata</i> (Beamer) | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
|---------------------------------|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|-----|

Genus CANTURA Oman

| | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|---|-----|
| <i>C. jucunda</i> (Uhler) | - | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | [r] |
|---------------------------|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|---|-----|

Genus CHLOROTETTIX Van Duzee

| | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|----|---|---|----|----|----|----|-----|-----|----|----|----|----|---|---|---|-----|
| <i>C. attenuatus</i> Brown | - | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | [r] |
| <i>C. bali</i> (Osborn) | - | - | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - | - | - |
| <i>C. borealis</i> Sanders & DeLong | - | - | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - | - |
| <i>C. dentatus</i> Sanders & DeLong | - | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - |
| <i>C. disinctus</i> DeLong | - | - | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - | - |
| <i>C. fallax</i> Sanders & DeLong | - | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | [r] |
| <i>C. gabanatus</i> (Van Duzee) | - | - | - | - | - | - | - | - | - | AB? | - | ON | - | - | - | - | - | - | - |
| <i>C. lusorius</i> (Osborn & Ball) | - | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | NS | - | - | - | - | - |
| <i>C. meriscus</i> Cwikla | - | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - | - | - |
| <i>C. similis</i> DeLong | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>C. spatulatus</i> Osborn & Ball | - | - | - | - | - | - | - | - | - | ON | QC? | - | - | - | - | - | - | - | - |
| <i>C. tergatus</i> (Fitch) | - | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - |
| <i>C. unicolor</i> (Fitch) | - | - | NT | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - | - | - | - |

Genus CICADULA Zetterstedt

| | | | | | | | | | | | | | | | | | | | |
|---|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|-----|---|---|----|-----|
| <i>C. ciliata</i> (Osborn) | AK? | YK? | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | NF? | - | - | - | - |
| <i>C. cyperacea</i> (Osborn) | - | - | - | - | - | - | - | - | - | ON | QC | NB | - | - | - | - | - | - | - |
| <i>C. intermedia</i> (Boheman) | AK | YK | NT | NU | BC | AB | - | MB | - | QC | - | - | - | - | - | - | - | LB | - |
| <i>C. jurea</i> Hamilton | AK | - | - | - | - | - | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. longiseta</i> (Van Duzee) | - | YK | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. melanogaster</i> (Provancher) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | - | - | - | - | - |
| <i>C. ornata</i> (Melichor) | AK | YK | NT | - | BC | AB | SK | MB | - | - | NB | - | - | - | - | - | - | - | - |
| <i>C. pesimilis</i> (Edwards) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | NF* | - | - | - | [A] |
| <i>C. saiens</i> Hamilton | - | - | - | - | - | - | - | MB | ON | QC | - | - | NS | - | - | - | - | - | - |
| <i>C. smithi</i> (Van Duzee) | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | NS | NF | - | - | - | - | - |
| <i>C. straminea</i> (Sanders & DeLong) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>C. succupraea</i> (Provancher) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | LB | - | - | - | - |
| <i>C. vitipennis</i> (Sanders & DeLong) | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | NS | - | - | - | - | - | - |

Genus COLLADONUS Ball

| | | | | | | | | | | | | | | | | | | | |
|-------------------------------|----|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|
| <i>C. aranus</i> Nielson | AK | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. antostaphyli</i> Downes | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>C. atiflavus</i> Downes | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | | | | | | |
|--|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|---|---|---|-----|
| <i>Colladonus aureolus</i> (Van Duzee) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. balius</i> Hamilton | - | - | - | - | - | - | - | - | - | - | - | - | - | - | NS | - | - | - | [r] |
| <i>C. balli</i> Nielson | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. belli</i> (Uhler) | - | YK | - | - | BC | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. brunneus</i> (Osborn) | - | - | - | - | - | - | - | - | ON | QC | NB | - | - | - | - | - | - | - | - |
| <i>C. clitellarius</i> (Say)
saddleback leafhopper | - | - | - | - | - | - | - | - | MB | ON | QC | NB | PE | NS | - | - | - | - | - |
| <i>C. collaris</i> (Ball) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - |
| <i>C. eburatus</i> (Van Duzee) | - | - | - | - | BC | AB | SK | MB | ON | QC | - | PE | NS | NF | - | - | - | - | - |
| <i>C. egenus</i> Ball | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. flavocapitatus</i> (Van Duzee) | AK | YK | NT | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. furculatus</i> (Osborn) | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - | - | - | - | - |
| <i>C. geminatus</i> (Van Duzee)
geminata leafhopper | AK | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - | - | [A] |
| <i>C. holmesii</i> Bliven | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. mendicus</i> (Ball) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>C. montanus</i> (Van Duzee)
mountain leafhopper | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - | - | - | - | [A] |
| <i>C. nugax</i> (Van Duzee) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. olus</i> Nielson | - | - | - | - | - | - | SK | - | ON | - | - | - | - | - | - | - | - | - | - |
| <i>C. reductus</i> (Van Duzee) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. rupinatus</i> (Ball) | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. setaceus</i> Nielson | - | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | - | - | - | - | - | - |
| <i>C. tahoensis</i> Ball | AK | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. tomeelus</i> (Zetterstedt) | AK | YK | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. waldanus</i> (Ball) | AK | YK | NT | - | BC | - | SK | MB | ON | - | - | - | - | - | - | - | - | - | - |
| <i>C. youngi</i> Nielson | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | LB | - | - | - | - |

Genus COMMELLUS Osborn & Ball

| | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|----|----|---|---|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|
| <i>C. cedilla</i> Hamilton | AK | YK | - | - | - | AB | SK | MB | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>C. colon</i> (Osborn & Ball) | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. comma</i> (Van Duzee) | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. hyphen</i> Hamilton | - | - | - | - | - | - | SK | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. sexvittatus</i> (Van Duzee) | - | YK | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - | - | - | - | - |

Genus COSMOTETTIX Ribaut

| | | | | | | | | | | | | | | | | | | | |
|--|----|----|---|---|----|----|----|----|----|----|---|----|---|---|----|---|---|---|---|
| <i>C. acutus</i> (Beamer) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>C. beirnei</i> Hamilton & Ross | - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | - | - | - | - | - |
| <i>C. bilineatus</i> (Gillette & Baker) | AK | YK | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | NF | - | - | - | - |
| <i>C. detector</i> (Sanders & DeLong) | - | - | - | - | - | AB | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>C. luteocephalus</i> (Sanders & DeLong) | - | YK | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | NF | - | - | - | - |
| <i>C. paludosa</i> (Ball) | AK | - | - | - | BC | AB | - | - | ON | - | - | - | - | - | - | - | - | - | - |
| <i>C. unica</i> Hamilton | - | - | - | - | - | - | - | - | - | - | - | PE | - | - | NF | - | - | - | - |

Genus COULINUS Beirne

| | | | | | | | | | | | | | | | | | | | |
|-------------------------|----|----|----|----|---|---|---|----|---|----|---|---|---|---|---|---|---|----|---|
| <i>C. uladus</i> Beirne | AK | YK | NT | NU | - | - | - | MB | - | QC | - | - | - | - | - | - | - | LB | - |
| <i>C. usnus</i> Beirne | AK | YK | NT | NU | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Genus CRIBRUS Oman

| | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|---|---|-----|
| <i>C. micmac</i> Hamilton | - | - | - | - | - | - | - | - | - | - | - | - | - | NS | - | - | - | - | [r] |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|---|---|-----|

Genus DELTOCEPHALUS Burmeister

| | | | | | | | | | | | | | | | | | | | |
|---|---|----|---|---|----|----|----|----|----|-----|---|----|---|---|---|---|---|---|---|
| <i>D. artemisiae</i> (Gillette & Baker) | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>D. balli</i> Van Duzee | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>D. castoreus</i> Ball | - | YK | - | - | BC | AB | SK | - | - | QC? | - | - | - | - | - | - | - | - | - |
| <i>D. flavicostatus</i> Van Duzee | - | - | - | - | - | - | - | - | - | - | - | NB | - | - | - | - | - | - | - |
| <i>D. fuscinosus</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>D. gnarus</i> Ball | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - | - | - | - | - |

Euscelis relativa (Gillette & Baker)*E. sibirica* (Emeljanov)*E. sordida* (Zetterstedt)

| | | | | | | | | | | | | | | |
|-----|-----|---|---|-----|----|----|----|-----|-----|-----|---|-----|-----|-----|
| AK | - | - | - | BC | AB | SK | MB | ON | QC | - | - | NS | NF | - |
| AK? | YK? | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AK | - | - | - | BC* | - | - | - | ON* | QC* | NB* | - | NS* | NF* | [A] |

Genus EUTETTIX Van Duzee*E. borealis* Hepner*E. brunneus* Osborn*E. glennanus* Ball*E. marmoratus* Van Duzee*E. variabilis* Hepner

| | | | | | | | | | | | | | | |
|---|---|---|---|----|---|---|---|----|----|---|---|---|---|-----|
| - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
| - | - | - | - | - | - | - | - | ON | - | - | - | - | - | |
| - | - | - | - | BC | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | |
| - | - | - | - | - | - | - | - | ON | - | - | - | - | - | |

Genus EXITIANUS Ball*E. exitiosus* (Uhler)

| | | | | | | | | | | | | | | |
|---|---|---|---|----|----|----|----|----|---|---|---|---|---|--|
| - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | |
|---|---|---|---|----|----|----|----|----|---|---|---|---|---|--|

Genus EXTRUSANUS Oman*E. extrusus* (Van Duzee)*E. oryssus* Hamilton*E. ovatus* (Sanders & DeLong)

| | | | | | | | | | | | | | | |
|---|---|---|---|---|----|----|----|----|----|---|---|----|---|--|
| - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | |
| - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | |
| - | - | - | - | - | - | SK | - | - | - | - | - | - | - | |

Genus FIEBERIELLA Signoret*F. florii* (Stål)

privet leafhopper

| | | | | | | | | | | | | | | |
|---|---|---|---|-----|---|---|---|-----|---|---|---|---|---|-----|
| - | - | - | - | BC* | - | - | - | ON* | - | - | - | - | - | [O] |
|---|---|---|---|-----|---|---|---|-----|---|---|---|---|---|-----|

Genus FLEXAMIA DeLong*F. abbreviata* (Osborn & Ball)*F. areolata* (Ball)*F. atlantica* (DeLong)*F. decora* Beamer & Tuthill*F. delongi* Ross & Cooley*F. flexulosa* (Ball)*F. graminea* (DeLong)*F. grammica* (Ball)*F. inflata* (Osborn & Ball)*F. prairiana* DeLong*F. reflexa* (Osborn & Ball)*F. serrata* Beamer & Tuthill*F. stylata* (Ball)

| | | | | | | | | | | | | | | |
|---|---|---|---|----|----|----|----|----|---|---|---|---|---|-----|
| - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
| - | - | - | - | - | - | - | MB | - | - | - | - | - | - | [r] |
| - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | MB | ON | - | - | - | - | - | |
| - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | MB | - | - | - | - | - | - | [r] |
| - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | |
| - | - | - | - | BC | - | SK | MB | ON | - | - | - | - | - | |
| - | - | - | - | - | - | - | MB | ON | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
| - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | |
| - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | |

Genus FRIGARTUS Oman*F. frigidus* (Ball)

| | | | | | | | | | | | | | | |
|---|---|---|---|----|----|----|---|---|---|---|---|---|---|--|
| - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | |
|---|---|---|---|----|----|----|---|---|---|---|---|---|---|--|

Genus GRAMINELLA DeLong*G. ampla* Beamer*G. fitchii* (Van Duzee)*G. mohri* DeLong*G. nigrifrons* (Forbes)
black-faced leafhopper*G. oquaka* DeLong*G. pallidula* (Osborn)

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|----|----|----|----|----|---|---|---|-----|
| - | - | - | - | - | - | SK | MB | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | MB | ON | QC | NB | - | - | - | |
| - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
| - | - | - | - | - | - | - | MB | ON | QC | NB | - | - | - | |
| - | - | - | - | - | - | - | ON | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | ON | - | - | - | - | - | - | |

Genus GRAPHOCRAERUS Thomson*G. ventralis* (Fallén)

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|-----|-----|---|---|---|---|-----|
| - | - | - | - | - | - | - | - | QC* | NB* | - | - | - | - | [A] |
|---|---|---|---|---|---|---|---|-----|-----|---|---|---|---|-----|

Genus HARDYA Edwards*H. dentata* (Osborn & Ball)*H. youngi* Beirne

| | | | | | | | | | | | | | | |
|----|----|---|---|----|-----|-----|---|---|---|---|---|---|---|--|
| - | - | - | - | BC | AB? | SK? | - | - | - | - | - | - | - | |
| AK | YK | - | - | - | - | - | - | - | - | - | - | - | - | |

Genus HEBECEPHALUS DeLong

| | | | | | | | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|---|----|---|---|---|---|-----|
| <i>H. algidus</i> DeLong & Davidson | AK | YK | NT | NU | BC | AB | - | MB | - | QC | - | - | - | - | LB |
| <i>H. beameri</i> Hamilton & Ross | AK | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>H. borealis</i> DeLong & Davidson | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - |
| <i>H. crassus</i> DeLong | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>H. occidentalis</i> Beamer & Tuthill | AK | YK | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>H. planaria</i> Hamilton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
| <i>H. rostratus</i> Beamer & Tuthill | AK | YK | - | - | - | AB | SK | MB | - | - | - | - | - | - | - |
| <i>H. sagittatus</i> Beamer & Tuthill | - | YK | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>H. signatifrons</i> (Van Duzee) | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - |
| <i>H. truncatus</i> Beamer & Tuthill | - | YK | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |

Genus HECALUS Stål

| | | | | | | | | | | | | | | | |
|------------------------------|----|----|----|---|----|----|----|-----|-----|----|----|----|---|---|-----|
| <i>H. atascaderus</i> (Ball) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>H. brunnea</i> (Ball) | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - |
| <i>H. flavida</i> (Signoret) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
| <i>H. grandis</i> Shaw | - | - | - | - | - | AB | - | MB? | ON? | - | - | - | - | - | - |
| <i>H. major</i> (Osborn) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | - | - | - |
| <i>H. montanus</i> (Ball) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - |
| <i>H. viridis</i> (Uhler) | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - |

Genus IDIODONUS Ball

| | | | | | | | | | | | | | | | |
|------------------------------------|----|----|----|---|----|----|----|----|----|----|----|---|----|----|---|
| <i>I. aurantiacus</i> (Provancher) | AK | YK | NT | - | BC | AB | SK | - | ON | QC | - | - | - | - | - |
| <i>I. kennicottii</i> (Uhler) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | - |
| <i>I. morsei</i> (Osborn) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - |

Genus JAPANANUS Ball

| | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|-----|---|---|---|-----|---|---|---|---|---|-----|
| <i>J. hyalinus</i> (Osborn) | - | - | - | - | BC* | - | - | - | ON* | - | - | - | - | - | [O] |
|-----------------------------|---|---|---|---|-----|---|---|---|-----|---|---|---|---|---|-----|

Genus LAEVICEPHALUS DeLong

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|-----|
| <i>L. acus</i> (Sanders & DeLong) | - | - | - | - | - | AB | SK | MB | ON | QC | NB | - | NS | NF | - |
| <i>L. exiguus</i> Knull | - | - | - | - | - | - | SK | - | ON | - | - | - | - | - | [r] |
| <i>L. melsheimerii</i> (Fitch) | - | - | - | - | - | - | - | MB | ON | QC | NB | - | NS | - | - |
| <i>L. minimus</i> (Osborn & Ball) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>L. peronatus</i> Ross & Hamilton | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
| <i>L. poudris</i> Tuthill | - | - | - | - | - | AB | - | MB | - | - | - | - | - | - | - |
| <i>L. salarius</i> (Knull) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>L. saskatchewanensis</i> Hamilton & Ross | - | - | - | - | - | - | SK | MB | - | - | - | - | - | - | - |
| <i>L. sylvestris</i> (Osborn & Ball) | - | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | - | - |
| <i>L. unicoloratus</i> (Gillette & Baker) | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |

Genus LATALUS DeLong & Slesman

| | | | | | | | | | | | | | | | |
|---------------------------------------|----|----|----|---|-----|----|----|-----|-----|-----|-----|-----|-----|---|-----|
| <i>L. curtus</i> Beamer & Tuthill | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>L. distinguendus</i> (Flor) | - | - | - | - | - | - | - | - | - | - | - | - | NF* | - | [A] |
| <i>L. histrionicus</i> Beime | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>L. intermedius</i> Ross & Hamilton | - | - | NT | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>L. latidens</i> (Sanders & DeLong) | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - |
| <i>L. missellus</i> (Ball) | AK | YK | - | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>L. mundus</i> Beamer & Tuthill | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>L. occidentalis</i> (DeLong) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
| <i>L. ocellaris</i> (Fallén) | - | - | - | - | BC? | - | - | MB* | ON* | QC* | NB* | PE* | NS* | - | [A] |
| <i>L. personatus</i> Beime | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - |
| <i>L. remotus</i> Hamilton | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - |
| <i>L. sayii</i> (Fitch) | - | - | - | - | - | AB | - | MB | ON | QC | NB | - | NS | - | - |
| <i>L. sobrinus</i> DeLong & Slesman | AK | YK | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | LB |
| <i>L. tatraensis</i> (Heller) | AK | YK | NT | - | - | - | - | - | - | - | - | - | - | - | - |

Genus LIMOTETTIX Sahlberg

| | | | | | | | | | | | | | | | |
|--|-----|----|----|---|-----|----|----|----|----|-----|----|----|----|----|-----|
| <i>L. angustatus</i> (Osborn) | AK | YK | - | - | BC | AB | SK | MB | ON | QC | - | - | NS | NF | LB |
| <i>L. anthracinus</i> (Van Duzee) | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>L. arctostaphyli</i> (Ball) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | NF | LB |
| <i>L. balli</i> (Medler) | - | - | - | - | - | - | - | MB | ON | - | - | - | - | - | - |
| <i>L. beameri</i> (Medler) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
| <i>L. bisoni</i> Knoll | - | - | - | - | - | AB | SK | MB | ON | - | - | - | - | - | - |
| <i>L. brooksi</i> Hamilton | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - |
| <i>L. comptonianus</i> (Ball) | - | - | - | - | - | - | - | - | ON | QC | NB | - | - | - | - |
| <i>L. conservatus</i> Hamilton | - | - | - | - | - | AB | SK | - | ON | - | - | - | - | - | - |
| <i>L. cuneatus</i> (Sanders & DeLong) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
| <i>L. dasidus</i> (Medler) | AK | YK | - | - | BC | AB | SK | MB | - | QC | - | - | - | - | - |
| <i>L. divaricatus</i> (Sanders & DeLong) | - | - | - | - | BC | - | SK | MB | ON | - | - | - | - | - | - |
| <i>L. elegans</i> Hamilton | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
| <i>L. ferganensis</i> Dubovsky | AK | YK | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - |
| <i>L. finitimus</i> (Van Duzee) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>L. glomerosus</i> (Ball) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>L. humidus</i> (Osborn) | - | - | - | - | BC | - | - | - | ON | QC | NB | PE | NS | NF | - |
| <i>L. instabilis</i> (Van Duzee) | AK | - | - | - | BC | AB | SK | MB | ON | QC | - | PE | NS | NF | LB |
| <i>L. kryptus</i> (Medler) | - | - | - | - | - | AB | SK | MB | ON | QC | - | - | NS | - | - |
| <i>L. luteolus</i> (Sleesman) | - | - | - | - | - | - | - | - | - | QC? | NB | - | NS | - | - |
| <i>L. medleri</i> Hamilton | - | - | - | - | - | - | SK | - | - | - | - | - | - | - | - |
| <i>L. melastigmus</i> (Medler) | - | - | - | - | BC | AB | - | MB | ON | QC | - | - | - | - | - |
| <i>L. myralis</i> (Medler) | AK | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - |
| <i>L. nigrax</i> Medler | - | - | - | - | BC | - | - | - | ON | - | - | - | - | - | - |
| <i>L. nigristriatus</i> Hamilton | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>L. obesura</i> Hamilton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
| <i>L. omani</i> (Medler) | - | - | - | - | - | AB | - | MB | - | - | - | - | - | - | - |
| <i>L. osborni</i> (Ball) | - | YK | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - |
| <i>L. paludosus</i> (Boheman) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | PE | NS | NF | - |
| <i>L. parallelus</i> (Van Duzee) | - | - | - | - | - | AB | SK | MB | ON | QC | NB | - | NS | - | - |
| <i>L. plutonius</i> (Uhler) | AK | YK | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>L. pseudosphagneticus</i> Hamilton | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>L. schedia</i> Hamilton | - | - | - | - | - | - | - | - | ON | - | NB | PE | NS | - | - |
| <i>L. scudderi</i> Hamilton | - | YK | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>L. shastus</i> (Ball) | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - |
| <i>L. sphagneticus</i> Emeljanov | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | - |
| <i>L. symphoricarpae</i> (Ball) | - | - | - | - | - | AB | - | MB | - | - | - | - | - | - | - |
| <i>L. taramus</i> (Medler) | - | - | - | - | - | - | SK | - | - | - | - | - | - | - | - |
| <i>L. uhleri</i> (Oman) | - | - | - | - | - | AB | SK | MB | ON | QC | - | - | - | - | - |
| <i>L. uneolus</i> (Ball) | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>L. umura</i> Hamilton | - | - | - | - | - | - | SK | MB | ON | - | - | - | - | - | - |
| <i>L. utahus</i> (Lawson) | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>L. vaccinii</i> (Van Duzee) | AK? | - | - | - | BC? | AB | SK | MB | ON | QC | NB | PE | NS | NF | [A] |
| blunt-nosed cranberry leafhopper | | | | | | | | | | | | | | | |
| <i>L. varus</i> (Ball) | - | - | - | - | - | - | - | MB | ON | - | - | - | - | - | - |
| <i>L. xanthus</i> Hamilton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |

Genus LONATURA Osborn & Ball

| | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|----|----|----|----|---|---|---|---|---|---|---|
| <i>L. megalops</i> Osborn & Ball | - | - | - | - | - | - | SK | MB | - | - | - | - | - | - | - |
| <i>L. melina</i> DeLong | - | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - |
| <i>L. salsura</i> Ball | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>L. teretis</i> Beamer | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - |

Genus MACROSTELES Fieber

| | | | | | | | | | | | | | | | |
|----------------------------------|----|----|----|----|----|---|---|----|----|----|---|---|---|---|----|
| <i>M. alpinus</i> (Zetterstedt) | AK | YK | NT | NU | BC | - | - | MB | ON | QC | - | - | - | - | LB |
| <i>M. americanus</i> (Van Duzee) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |

| | | | | | | | | | | | | | | |
|---|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <i>Macrosteles bifurcatus</i> Beime | AK | - | - | - | - | - | MB | ON | QC | NB | - | NS | - | - |
| <i>M. binotatus</i> (Sahlberg) | AK | YK | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF |
| <i>M. borealis</i> (Dorst) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | NF |
| <i>M. curvata</i> Beime | - | - | - | - | - | - | - | MB | - | QC | - | - | - | NF |
| <i>M. divisus</i> (Uhler) | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - |
| <i>M. elongatus</i> Beime | - | - | - | - | BC | AB | SK | MB | - | QC | NB | - | - | NF |
| <i>M. fascifrons</i> (Stål) | AK | YK | NT | NU | BC | - | - | MB | ON | QC | NB | - | NS | NF |
| <i>M. fieberi</i> (Edwards) | AK | YK | NT | - | BC | - | - | MB | - | QC | - | - | - | NF |
| <i>M. flavalis</i> Hamilton | - | - | - | - | - | - | - | MB | - | - | - | - | - | - |
| <i>M. frontalis</i> (Scott) | AK | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. galeae</i> Hamilton | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | NF |
| <i>M. inundatus</i> Hamilton | AK | YK | - | - | BC | - | - | - | - | QC | - | - | NS | NF |
| <i>M. laevis</i> (Ribaut)
European grain leafhopper | AK | YK | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>M. lepidus</i> (Van Duzee) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - |
| <i>M. lineatifrons</i> (Stål) | AK | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>M. maculipes</i> (Zetterstedt) | AK | YK | NT | - | BC | AB | - | - | ON | QC | - | - | NS | NF |
| <i>M. major</i> (Dorst) | - | - | - | - | - | AB | SK | MB | ON | - | - | - | - | - |
| <i>M. osborni</i> (Dorst) | AK | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. pallidus</i> (Osborn) | - | - | - | - | - | - | - | MB | ON | QC | NB | PE | NS | NF |
| <i>M. potiorius</i> (Ball) | AK | - | - | - | - | AB | SK | MB | ON | QC | - | - | - | - |
| <i>M. quadrilineatus</i> (Forbes)
Aster leafhopper, cicadelle de l'aster | - | YK | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF |
| <i>M. slossonae</i> (Van Duzee) | - | YK | - | - | BC | AB | - | - | ON | QC | NB | - | NS | - |
| <i>M. snowi</i> (Dorst) | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - |
| <i>M. sordidipennis</i> (Stål) | AK | YK | NT | - | BC | AB | SK | - | - | - | - | - | - | - |
| <i>M. tessellatus</i> Hamilton | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - |
| <i>M. urticae</i> Moore & Ross | - | - | NT | - | BC | AB | - | MB | ON | QC | - | - | NS | - |
| <i>M. variatus</i> (Fallén) | AK? | YK? | - | - | BC? | AB? | SK? | MB? | ON? | QC? | NB? | PE? | NS? | NF? |
| <i>M. vibastei</i> Hamilton | AK | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - |
| Genus MEMNONIA Ball | | | | | | | | | | | | | | |
| <i>M. consobrina</i> Ball | - | - | - | - | - | AB | - | - | - | - | - | - | - | - |
| Genus MENOSOMA Ball | | | | | | | | | | | | | | |
| <i>M. cincta</i> (Osborn & Ball) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - |
| Genus MESAMIA Ball | | | | | | | | | | | | | | |
| <i>M. frigida</i> (DeLong & Hershberger) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>M. ludoviciana</i> Ball | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - |
| <i>M. nigridorsum</i> (Ball) | - | - | - | - | - | AB | SK | MB | ON | - | - | - | - | - |
| <i>M. straminea</i> (Osborn) | - | - | - | - | - | AB | - | - | - | - | - | - | - | - |
| Genus MOCUELLUS Ribaut | | | | | | | | | | | | | | |
| <i>M. americanus</i> Emeljanov | - | - | - | - | - | AB | SK | MB | ON | - | - | - | - | - |
| <i>M. caprillus</i> Ross & Hamilton | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - |
| <i>M. larrimeri</i> (DeLong) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>M. strictus</i> Ross & Hamilton | - | YK | - | - | BC | AB | - | - | - | - | - | - | - | - |
| Genus NEOALITURUS Distant | | | | | | | | | | | | | | |
| <i>N. tenellus</i> (Baker)
Beet leafhopper, cicadelle de la betterave | - | - | - | - | BC | AB? | - | - | - | - | - | - | - | [A] |
| Genus NEOHECALUS Linnavuori | | | | | | | | | | | | | | |
| <i>N. lineatus</i> (Uhler) | - | - | - | - | - | - | - | MB? | - | QC | NB | PE | NS | - |
| Genus NORVELLINA Ball | | | | | | | | | | | | | | |
| <i>N. chenopodii</i> (Osborn) | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - |
| <i>N. clarivida</i> (Van Duzee) | - | - | - | - | - | AB | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | | | | | | |
|--|----|----|----|---|-----|----|----|----|-----|-----|-----|----|----|----|----|---|---|---|-----|
| <i>Norvellina columbiana</i> (Ball) | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>N. novica</i> Medler | - | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - | - | - | - |
| <i>N. rubida</i> (Ball) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>N. scitula</i> (Ball) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>N. seminuda</i> (Say) | - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | - | - | - | - | - |
| Genus OLLARIANUS Ball | | | | | | | | | | | | | | | | | | | |
| <i>O. insanus</i> (Ball) | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Genus OPSIUS Fieber | | | | | | | | | | | | | | | | | | | |
| <i>O. stactogalus</i> Fieber | - | - | - | - | BC* | - | - | - | ON* | - | - | - | - | - | - | - | - | - | [O] |
| Genus ORIENTUS DeLong | | | | | | | | | | | | | | | | | | | |
| <i>O. ishidae</i> (Matsumura) | - | - | - | - | - | - | - | - | ON* | - | - | - | - | - | - | - | - | - | [O] |
| Genus OROCASTUS Oman | | | | | | | | | | | | | | | | | | | |
| <i>O. labeculus</i> (DeLong) | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>O. perpusillus</i> (Ball & DeLong) | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>O. pinnipenis</i> Ross & Hamilton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>O. tener</i> (Beamer & Tuthill) | - | YK | - | - | - | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |
| Genus OSBORNELLUS Ball | | | | | | | | | | | | | | | | | | | |
| <i>O. alatus</i> Beamer | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - | - | - | - |
| <i>O. auronitens</i> (Provancher) | - | - | - | - | - | - | - | - | ON | QC | - | PE | - | - | - | - | - | - | - |
| <i>O. borealis</i> DeLong & Mohr | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>O. consors</i> (Uhler) | - | - | - | - | - | - | - | - | MB | ON | QC | NB | - | - | - | - | - | - | - |
| <i>O. limosus</i> DeLong | - | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - | - | - | - |
| <i>O. scalaris</i> (Van Duzee) | - | - | - | - | BC | - | - | - | - | QC? | - | - | - | - | - | - | - | - | - |
| Genus PALUDA DeLong | | | | | | | | | | | | | | | | | | | |
| <i>P. gladiola</i> (Ball) | - | YK | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - | - | - | - | - |
| Genus PARAMESUS Fieber | | | | | | | | | | | | | | | | | | | |
| <i>P. major</i> (Haupt) | - | - | - | - | BC? | - | - | - | ON* | QC* | NB* | - | - | - | - | - | - | - | [A] |
| Genus PARAPHLEPSIUS Baker | | | | | | | | | | | | | | | | | | | |
| <i>P. apertus</i> (Osborn & Lathrop) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. apertus</i> (Van Duzee) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | LB | - | - | - | - |
| <i>P. bifidus</i> (Sanders & DeLong) | - | - | - | - | BC | - | SK | MB | ON | QC | NB | - | - | - | - | - | - | - | - |
| <i>P. collitus</i> (Ball) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>P. continuus</i> (DeLong) | - | - | - | - | - | AB | SK | - | ON | - | - | - | - | - | - | - | - | - | - |
| <i>P. eburneolus</i> (Osborn & Lathrop) | - | - | - | - | - | - | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. electus</i> (DeLong) | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>P. excavatus</i> Crowder | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>P. fulviorum</i> (Fitch) | - | - | - | - | BC? | - | - | - | ON | QC | NB | PE | NS | - | - | - | - | - | - |
| <i>P. fuscipennis</i> (Van Duzee) | - | - | - | - | - | - | - | - | ON | - | NB | - | NS | NF | - | - | - | - | - |
| <i>P. hemicolor</i> (Sanders & DeLong) | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. humidus</i> (Van Duzee) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>P. incisus</i> Van Duzee | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>P. irroratus</i> (Say)
irrorate leafhopper | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - | - | - | - | [A] |
| <i>P. laschivius</i> (Ball) | - | YK | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. lobatus</i> (Osborn) | - | - | - | - | - | - | - | MB | ON | QC? | - | - | - | - | - | - | - | - | - |
| <i>P. luxuria</i> Hamilton | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>P. occidentalis</i> (Baker) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. solidaginis</i> (Walker) | - | - | - | - | - | AB | SK | MB | ON | QC | NB | - | NS | - | - | - | - | - | - |
| <i>P. tigrinus</i> (Ball) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | |
|--|----|----|----|----|-----|-----|-----|-----|----|----|----|----|-----|-------|
| <i>Paraphlepsius truncatus</i> (Van Duzee) | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>P. turpiculus</i> (Ball) | - | - | - | - | - | AB | SK | MB | ON | - | - | - | - | - |
| <i>P. umbrosus</i> (Sanders & DeLong) | - | - | - | - | - | - | SK | MB | ON | - | - | - | - | - |
| <i>P. varispinus</i> Hamilton | - | - | - | - | - | AB | - | MB | ON | QC | NB | - | NS | NF |
| Genus PASAREMUS Oman | | | | | | | | | | | | | | |
| <i>P. concentricus</i> (Van Duzee) | - | YK | - | - | BC | AB | SK | MB | - | QC | NB | PE | NS | - |
| Genus PENDARUS Ball | | | | | | | | | | | | | | |
| <i>P. franconianus</i> (Ball) | - | - | - | - | - | - | - | - | ON | QC | NB | - | - | - |
| <i>P. magnus</i> (Osborn & Ball) | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - |
| <i>P. punctiscriptus</i> (Van Duzee) | - | - | - | - | - | - | - | MB | ON | - | - | - | - | - |
| Genus PENTHIMIA Germar | | | | | | | | | | | | | | |
| <i>P. americana</i> Fitch | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - |
| <i>P. picta</i> Provancher | - | - | - | - | - | - | - | - | - | QC | NB | - | NS | - |
| Genus PINUMIUS Ribaut | | | | | | | | | | | | | | |
| <i>P. sexmaculatus</i> (Gillette & Baker) | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - |
| Genus PLANAPHRODES Hamilton | | | | | | | | | | | | | | |
| <i>P. bifasciatus</i> (Linnaeus) | - | - | - | - | - | - | - | - | - | - | - | - | NF* | [A] |
| Genus PLATYMETOPIUS Linnavuori | | | | | | | | | | | | | | |
| <i>P. twiningi</i> (Uhler) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - |
| <i>P. vitellina</i> (Fitch) | - | - | - | - | BC? | AB? | SK? | MB? | ON | QC | NB | - | NS | - |
| Genus POLYAMIA DeLong | | | | | | | | | | | | | | |
| <i>P. apicata</i> (Osborn) | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - |
| <i>P. caperata</i> (Ball) | - | - | - | - | - | - | - | MB | ON | - | - | - | - | - |
| <i>P. compacta</i> (Osborn & Ball) | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - |
| <i>P. oblecta</i> (Osborn & Ball) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - |
| <i>P. similis</i> DeLong & Davidson | - | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| <i>P. weedi</i> (Van Duzee) | - | - | - | - | - | - | - | - | - | QC | - | - | - | - |
| Genus PRESCOTTIA Ball | | | | | | | | | | | | | | |
| <i>P. lobata</i> (Van Duzee) | - | - | - | - | - | - | - | MB | ON | QC | NB | PE | - | - |
| Genus PSAMMOTETTIX Haupt | | | | | | | | | | | | | | |
| <i>P. attenuens</i> (DeLong & Davidson) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>P. beirnei</i> Greene | - | - | - | - | BC | - | - | - | - | - | - | - | - | [r] |
| <i>P. confinis</i> (Dahlbom) | AK | YK | NT | - | BC | - | - | - | - | - | - | - | - | - |
| <i>P. dentatus</i> Knull | - | - | - | - | BC | - | - | - | - | - | - | - | - | [r] |
| <i>P. knullae</i> Greene | AK | YK | - | - | BC | AB | SK | MB | ON | - | - | - | - | - |
| <i>P. lapponicus</i> (Ossiannilsson) | AK | YK | NT | NU | - | - | - | MB | - | - | - | - | - | - |
| <i>P. latipex</i> (Sanders & DeLong) | AK | YK | NT | - | BC | AB | SK | MB | - | QC | - | - | - | - |
| <i>P. lividellus</i> (Zetterstedt) | AK | YK | NT | NU | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF LB |
| Genus ROSENIUS Oman | | | | | | | | | | | | | | |
| <i>R. acutus</i> (Beamer) | - | - | - | - | BC | AB | - | MB | - | - | - | - | - | - |
| <i>R. cruciatus</i> (Osborn & Ball) | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - |
| <i>R. decurvus</i> Hamilton & Ross | - | - | - | - | BC | - | - | - | - | - | - | - | - | [r] |
| <i>R. obliquus</i> (DeLong & Davidson) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>R. pendulus</i> Hamilton & Ross | AK | YK | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>R. transarcticus</i> Hamilton & Ross | AK | YK | NT | - | BC | - | - | - | - | - | - | - | - | - |

Genus **SANCTANUS** Ball

S. sanctus (Say) - - - - - ON - - - - - [r]

Genus **SCAPHOIDEUS** Uhler

S. atlantus Ball - - - - - ON - - - - -
S. blennus Barnett - - - - - QC - - - - -
S. carinatus Osborn - - - - - ON QC NB NS - - -
S. cinerosus Osborn - - - BC MB ON QC - - -
S. crassus DeLong & Mohr - - - BC MB ON QC - - -
S. curvatus DeLong & Mohr - - - - - ON QC - - -
S. cylindratus DeLong & Beery - - - - - ON QC PE NS - -
S. cyprius Ball - - - - - ON QC NB PE - - -
S. flavidus Barnett - - - - - QC - - - - -
S. immistus (Say) - - - BC SK ON QC - - -
S. incisus Osborn - - - - - ON QC - - -
S. incognitus Barnett - - - - - QC - - - - -
S. intricatus Uhler - - - - - ON - - - - -
S. lacyi Barnett - - - - - SK ON QC - - -
S. major Osborn - - - - - ON QC - - -
S. mandevillei Barnett - - - - - QC - - - - -
S. melanotus Osborn - - - - - ON QC - - -
S. merus DeLong & Beery - - - - - QC - - - - -
S. minor Osborn - - - - - MB ON QC NB PE NS - -
S. nigrellus DeLong & Mohr - - - - - ON - - - - -
S. ochraceus Osborn - - - - - ON QC - - - - -
S. opalinus Osborn - - - - - ON QC - - - - -
S. paludosus Ball - - - - - ON - - - - -
S. productus Osborn - - - - - QC - - - - -
S. pullus DeLong & Mohr - - - - - MB ON QC - - -
S. soleus DeLong - - - - - QC - - - - -
S. tergatus DeLong - - - - - ON - - - - -
S. titanus Ball - - - - - SK MB ON QC NS* - - [A]
S. torqus DeLong & Beery - - - - - QC - - - - -
S. transeus DeLong & Beery - - - - - QC - - - - -
S. veterator DeLong & Beery - - - - - MB ON QC NB NS - -

Genus **SCAPHYTOPIUS** Ball

S. acutus (Say) AK YK NT - BC AB SK MB ON QC NB PE NS NF -
 sharpnosed leafhopper
S. angustatus (Osborn) - - - - - ON QC - - - - -
S. argutus (DeLong) - - - - - QC - - - - -
S. cinereus (Osborn & Ball) - - - AB? - ON - - - - - [r]
S. cinnamomeus (Osborn) - - - AB SK MB ON QC PE NS - -
S. diabolus (Van Duzee) - - - BC - - - - -
S. frontalis (Van Duzee) - - - BC* - ON - - - - -
 yellowfaced leafhopper
S. fulvus (Osborn) - - - - - QC - - - - -
S. hastus (DeLong) - - - - - ON QC - - - - -
S. latus (Baker) - - - BC AB SK MB ON QC - - -
S. oregonensis (Baker) - - - BC - - - - -
S. vaccinium (DeLong) - - - AB - MB ON QC NB PE NS NF - [A]
 blueberry leafhopper

Genus **SORHOANUS** Ribaut

S. bimaculatus (Gillette & Baker) AK YK NT - BC AB SK MB ON QC - - - NF -
S. caricis (Gillette & Baker) AK YK - - BC AB SK MB - QC - - -
S. debilis (Uhler) - - - BC AB - MB ON - - - - -
S. flavovirens (Gillette & Baker) AK YK NT - BC AB SK MB ON QC - - - NF LB

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|---|----|----|----|---|-----|----|----|----|-----|-----|-----|-----|-----|-----|-------|
| <i>Sorhoanus orientalis</i> (DeLong & Davidson) | - | YK | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | LB |
| <i>S. pascuellus</i> (Fallén) | - | - | - | - | BC* | - | - | - | ON* | QC* | NB* | PE* | NS* | NF* | - [A] |
| <i>S. uhleri</i> (Oman) | - | YK | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - |
| <i>S. xanthoneurus</i> (Fieber) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | NF | - |

Genus STENOMETOPIELLUS Haupt

| | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|----|----|---|---|---|---|---|---|---|---|
| <i>S. cookei</i> (Gillette) | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - |
|-----------------------------|---|---|---|---|---|----|----|---|---|---|---|---|---|---|---|

Genus STIRELLUS Osborn & Ball

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|-------------------------------|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|
| <i>S. bicolor</i> (Van Duzee) | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - |
|-------------------------------|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|

Genus STROGGYLOCEPHALUS Flor

| | | | | | | | | | | | | | | | |
|---------------------------------|----|----|---|---|----|----|----|----|----|----|---|---|---|---|----|
| <i>S. mixtus</i> (Say) | AK | YK | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | LB |
| <i>S. placidus</i> (Provancher) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |

Genus TEXANANUS Ball

| | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|-----|----|----|----|----|----|---|----|---|---|-------|
| <i>T. arctostaphylae</i> (Ball) | - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | - |
| <i>T. cumulatus</i> (Ball) | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>T. decorus</i> (Osborn & Ball) | - | - | - | - | BC? | - | - | MB | ON | QC | - | PE | - | - | - |
| <i>T. dolus</i> DeLong | - | - | - | - | BC | - | SK | MB | - | - | - | - | - | - | - |
| <i>T. extremus</i> (Ball) | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>T. latipex</i> (DeLong) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - [r] |
| <i>T. longipennis</i> Crowder | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>T. majestus</i> (Osborn & Ball) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>T. marmor</i> (Sanders & DeLong) | - | - | - | - | - | AB | SK | MB | ON | - | - | - | - | - | - |
| <i>T. oregonus</i> (Ball) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>T. proximus</i> Crowder | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - [r] |
| <i>T. superbus</i> (Van Duzee) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |

Genus THAMNOTETTIX Zetterstedt

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|----------------------------------|----|----|----|---|----|----|----|----|----|----|----|---|----|----|---|
| <i>T. confinis</i> (Zetterstedt) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | - |
|----------------------------------|----|----|----|---|----|----|----|----|----|----|----|---|----|----|---|

Genus TWININGIA Ball

| | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-------|
| <i>T. fasciatus</i> (Beamer) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>T. pellucidus</i> (Ball) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>T. scrupulosus</i> (Ball) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - [r] |

Genus UNOKA Lawson

| | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|-----|----|---|---|---|---|---|---|---|---|---|
| <i>U. gillettei</i> Metcalf | - | - | - | - | BC? | AB | - | - | - | - | - | - | - | - | - |
|-----------------------------|---|---|---|---|-----|----|---|---|---|---|---|---|---|---|---|

Genus XESTOCEPHALUS Van Duzee

| | | | | | | | | | | | | | | | |
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| <i>X. brunneus</i> Van Duzee | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>X. coronatus</i> Osborn & Ball | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>X. fulvifrons</i> Peters | - | - | - | - | BC | - | - | - | - | QC | - | - | - | - | - [r] |
| <i>X. fulvocapitatus</i> Van Duzee | - | - | - | - | - | AB | - | MB | ON | QC | NB | - | NS | - | - |
| <i>X. nigrifrons</i> Osborn | - | - | - | - | - | - | - | - | ON | QC | NB | - | - | - | - |
| <i>X. similis</i> Peters | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>X. superbus</i> (Provancher) | - | - | - | - | BC | - | SK | MB | ON | QC | NB | - | NS | - | - |

Subfamily CICADELLINAE**Genus CARSONUS** Oman

| | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|
| <i>C. aridus</i> (Ball) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
|-------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|

Genus CICADELLA Latreille

| | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|-------|---|---|---|---|---|---|---|---|---|-------|
| <i>C. viridis</i> (Linnaeus) | - | - | - | - | (sc)* | - | - | - | - | - | - | - | - | - | - [A] |
|------------------------------|---|---|---|---|-------|---|---|---|---|---|---|---|---|---|-------|

Genus **CUERNA** Melichar

| | | | | | | | | | | | | | | | | | |
|------------------------------------|----|----|----|---|----|----|----|----|----|----|----|----|----|---|---|---|---|
| <i>C. alpina</i> Oman & Beamer | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - | - | - |
| <i>C. cuesta</i> Hamilton | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. fenestrella</i> Hamilton | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - | - | - |
| <i>C. nielsoni</i> Hamilton | - | - | - | - | - | - | SK | MB | - | - | - | - | - | - | - | - | - |
| <i>C. sayi</i> Nielson | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. septentrionalis</i> (Walker) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | - | - | - | - | - |
| <i>C. striata</i> (Walker) | - | - | - | - | - | AB | - | MB | ON | QC | NB | PE | NS | - | - | - | - |

Genus **DRAECULACEPHALA** Ball

| | | | | | | | | | | | | | | | | | |
|---|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|---|-----|
| <i>D. angulifera</i> (Walker) | AK | YK | NT | - | BC | AB | - | MB | ON | QC | NB | - | NS | NF | LB | - | - |
| <i>D. antica</i> (Walker) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - | - | - |
| <i>D. bivoltina</i> Hamilton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>D. borealis</i> Hamilton | AK | YK | NT | - | BC | AB | - | MB | ON | QC | - | - | - | - | - | - | - |
| <i>D. constricta</i> DeLong & Davidson | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - | - | - |
| <i>D. crassicornis</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>D. manitobiana</i> Ball | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - | - | - |
| <i>D. mollipes</i> (Say) | - | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | - | - | - | - |
| <i>D. noveboracensis</i> (Fitch) | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | NS | - | - | - | - |
| <i>D. paludosa</i> Ball & China | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - | - | - |
| <i>D. prasina</i> (Walker) | - | - | - | - | BC | AB | SK | - | ON | QC | NB | PE | NS | - | - | - | - |
| <i>D. robinsoni</i> Hamilton | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - | - | - |
| <i>D. sphagneticola</i> Hamilton | - | - | - | - | - | AB | - | MB | ON | - | NB | - | - | - | - | - | - |
| <i>D. zeae</i> Hamilton
sharpheaded sharpshooter | - | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | - | - | - | [A] |

Genus **ERRHOMUS** Oman

| | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|
| <i>E. calvus</i> Oman | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
|-----------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|

Genus **EVACANTHUS** LePeletier & Serville

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|----|---|---|---|----|----|----|----|----|----|-----|---|----|-----|---|---|-----|
| <i>E. emilus</i> (Bliven) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>E. grandipes</i> Hamilton | AK | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>E. interruptus</i> (Linnaeus) | - | - | - | - | - | - | - | - | - | - | NB* | - | - | NF* | - | - | [A] |
| <i>E. nigramericanus</i> Hamilton | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | [r] |
| <i>E. orbitalis</i> Fitch | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - | - | - |

Genus **GRAPHOCEPHALA** Van Duzee

| | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|----|---|----|----|----|----|----|----|----|---|---|---|-----|
| <i>G. coccinea</i> (Forster) | - | - | - | - | - | - | SK | MB | ON | QC | - | - | - | - | - | - | - |
| <i>G. fennahi</i> Young
rhododendron leafhopper | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | [O] |
| <i>G. picta</i> (Walker) | - | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | - | - | - | - |
| <i>G. teliformis</i> (Walker) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |

Genus **HELOCHARA** Fitch

| | | | | | | | | | | | | | | | | | |
|--|---|---|----|---|----|----|----|----|----|----|----|----|----|---|---|---|---|
| <i>H. communis</i> Fitch
bog leafhopper | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - | - | - |
| <i>H. delta</i> Oman | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |

Genus **HYLAIUS** Oman & Musgrave

| | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|-----|
| <i>H. oregonensis</i> (Baker) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | [r] |
|-------------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|-----|

Genus **NEOKOLLA** Melichar

| | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|------|----|----|----|----|----|----|----|----|---|---|---|-----|
| <i>N. atra</i> (Barber) | - | - | - | - | - | - | - | - | - | - | NB | - | - | - | - | - | [r] |
| <i>N. atropunctata</i> (Signoret) | - | - | - | - | {bc} | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>N. confluens</i> (Uhler)
purple sharpshooter | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>N. hieroglyphica</i> (Say) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - | - | - |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|----|----|---|---|---|---|---|---|---|---|---|---|
| <i>Neokolla surcula</i> (DeLong & Currie) | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - | - | - |
| <i>N. uhleri</i> (Ball) | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |

Genus ONCOMETOPIA Stål

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|---|---|
| <i>O. orbona</i> (Fabricius)
broad-headed sharpshooter | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
|---|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|---|---|

Genus PAGARONIA Ball

| | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|-----|
| <i>P. tredecimpunctata</i> Ball | - | - | - | - | {BC} | - | - | - | - | - | - | - | - | - | - | - | [r] |
|---------------------------------|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|-----|

Genus PARAULACIZES Young

| | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|-----|
| <i>P. irrorata</i> (Fabricius) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | [r] |
|--------------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|-----|

Genus PROVANCHERANA Hamilton

| | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|---|---|
| <i>P. tripunctata</i> (Fitch) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
|-------------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|---|---|

Genus THATUNA Oman

| | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|-----|
| <i>T. gilletti</i> Oman | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | [r] |
|-------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|-----|

Genus TYLOZYGUS Fieber

| | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|---|---|
| <i>T. bifidus</i> (Say) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
|-------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|---|---|

Genus XYPHON Hamilton

| | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|-----|
| <i>X. triguttatum</i> (Nottingham) | - | - | - | - | {BC} | - | - | - | - | - | - | - | - | - | - | - | [r] |
|------------------------------------|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|-----|

Subfamily COELIDIINAE**Genus COELIDIA** Germar

| | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|---|---|
| <i>C. olitoria</i> (Say) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
|--------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|---|---|

Subfamily EURYMELINAE**Genus AGALLIA** Curtis

| | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|-----|
| <i>A. constricta</i> (Van Duzee)
constricted leafhopper | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | [r] |
|--|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|-----|

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|---|---|---|---|---|----|----|----|----|----|----|----|----|----|---|---|---|-----|
| <i>A. quadripunctata</i> (Provancher)
four-spotted clover leafhopper | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - | - | [A] |
|---|---|---|---|---|----|----|----|----|----|----|----|----|----|---|---|---|-----|

Genus AGALLIOPSIS Kirkaldy

| | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|
| <i>A. abietaria</i> Oman | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
|--------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|

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|-------------------------|---|---|---|---|----|----|----|----|----|----|----|---|----|---|---|---|---|
| <i>A. ancistra</i> Oman | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - | - | - |
|-------------------------|---|---|---|---|----|----|----|----|----|----|----|---|----|---|---|---|---|

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|------------------------------|---|---|---|---|---|---|---|---|----|----|----|---|---|---|---|---|---|
| <i>A. peneoculata</i> (Oman) | - | - | - | - | - | - | - | - | ON | QC | NB | - | - | - | - | - | - |
|------------------------------|---|---|---|---|---|---|---|---|----|----|----|---|---|---|---|---|---|

Genus BALCANOCERUS Maldonado-Capriles

| | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|----|---|----|----|---|---|---|---|---|---|---|
| <i>B. crataegi</i> (Van Duzee) | - | - | - | - | - | - | SK | - | ON | QC | - | - | - | - | - | - | - |
|--------------------------------|---|---|---|---|---|---|----|---|----|----|---|---|---|---|---|---|---|

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|------------------------------|---|---|---|---|---|----|---|---|----|----|---|---|----|---|---|---|---|
| <i>B. fitchi</i> (Van Duzee) | - | - | - | - | - | AB | - | - | ON | QC | - | - | NS | - | - | - | - |
|------------------------------|---|---|---|---|---|----|---|---|----|----|---|---|----|---|---|---|---|

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|----|----|----|----|----|----|----|---|----|---|---|---|---|
| <i>B. provancheri</i> (Van Duzee) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - | - | - |
|-----------------------------------|---|---|---|---|----|----|----|----|----|----|----|---|----|---|---|---|---|

Genus CERATAGALLIA Kirkaldy

| | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|---|
| <i>C. agricola</i> Hamilton | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - |
|-----------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|---|

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|------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|-----|
| <i>C. arida</i> (Oman) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | [r] |
|------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|-----|

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|-----------------------|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|
| <i>C. califa</i> Oman | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - |
|-----------------------|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|

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|-------------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|
| <i>C. californica</i> (Baker) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
|-------------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|

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|--------------------------|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|-----|
| <i>C. cerea</i> Hamilton | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | [r] |
|--------------------------|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|-----|

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|-----------------------------------|---|---|---|---|---|----|----|---|---|---|---|---|---|---|---|---|---|
| <i>C. cinerea</i> (Osborn & Ball) | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - | - | - |
|-----------------------------------|---|---|---|---|---|----|----|---|---|---|---|---|---|---|---|---|---|

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|--|---|---|---|---|---|---|---|---|----|----|----|----|----|----|---|---|-----|
| <i>C. humilis</i> (Oman)
Canadian clover leafhopper | - | - | - | - | - | - | - | - | MB | ON | QC | NB | PE | NS | - | - | [A] |
|--|---|---|---|---|---|---|---|---|----|----|----|----|----|----|---|---|-----|

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|--------------------------------------|----|----|----|---|----|----|----|----|----|----|---|---|---|---|----|---|---|---|-----|
| <i>Ceratagallia nanella</i> (Oman) | - | - | - | - | BC | - | - | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. okanagana</i> Hamilton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. omani</i> Hamilton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>C. robusta poudris</i> (Oman) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>C. sanguinolenta</i> (Provancher) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | - | NS | - | - | - | - |
| <i>C. semiarida</i> Hamilton | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. siccifolia</i> (Uhler) | AK | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. uhleri</i> (Van Duzee) | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. viator</i> Hamilton | AK | YK | NT | - | BC | AB | SK | MB | ON | - | - | - | - | - | - | - | - | - | - |
| <i>C. vulgaris</i> (Oman) | - | - | - | - | - | AB | - | - | ON | - | - | - | - | - | - | - | - | - | - |

Genus IDIOCERUS Lewis

| | | | | | | | | | | | | | | | | | | | |
|--|----|----|----|---|-----|----|----|----|-----|-----|----|----|-----|-----|-----|---|---|---|-----|
| <i>I. albolinea</i> Hamilton | - | - | - | - | - | - | SK | MB | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>I. alternatus</i> Fitch | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | NS | NF | - | - | - | - |
| <i>I. amabilis</i> Ball | - | - | - | - | BC | - | SK | MB | ON | QC | - | - | - | - | NF | - | - | - | - |
| <i>I. amoenus</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. aureus</i> Hamilton | - | - | - | - | BC | - | - | MB | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>I. bovinus</i> Ball & Parker | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. cabbottii</i> Hamilton | - | - | - | - | - | - | - | - | - | - | - | - | - | NS | - | - | - | - | - |
| <i>I. canae</i> Hamilton | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>I. cedrus</i> Hamilton | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - |
| <i>I. cinctus</i> DeLong & Caldwell | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. cingulatus</i> Ball | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. cognatus</i> Fieber | - | - | - | - | BC* | - | - | - | ON* | QC* | - | - | PE* | NS* | - | - | - | - | [O] |
| <i>I. concinnus</i> Ball | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. couleanus</i> Ball & Parker | AK | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. delongi</i> Freytag | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. distinctus</i> Gillette & Baker | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. duzei</i> Provancher | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - | - | - | - | - |
| <i>I. femoratus</i> Ball | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. formosus</i> Ball | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - | - | - | - | - |
| <i>I. freytagi</i> Hamilton | - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | - | - | - | - | - |
| <i>I. fulgidus</i> (Fabricius) | - | - | - | - | - | - | - | - | - | - | - | - | PE* | NS* | NF* | - | - | - | - |
| <i>I. gillettei</i> Hamilton | - | - | - | - | - | AB | - | MB | ON | - | NB | - | - | - | - | - | - | - | - |
| <i>I. glacialis</i> Hamilton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. indistinctus</i> Hamilton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. interruptus</i> Gillette & Baker | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. iodes</i> Hamilton | - | - | - | - | BC | AB | SK | MB | - | QC | - | - | - | - | - | - | - | - | - |
| <i>I. lachrymalis</i> Fitch | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | PE | NS | - | LB | - | - | - | - |
| <i>I. levis</i> DeLong & Caldwell | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>I. lucidae</i> Hamilton | - | - | - | - | - | AB | - | MB | ON | QC | NB | - | - | - | - | - | - | - | - |
| <i>I. lunaris</i> Ball | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - | - | - | - | - |
| <i>I. maximus</i> Freytag | AK | YK | - | - | BC | AB | SK | - | - | QC | - | - | - | - | - | - | - | - | - |
| <i>I. midas</i> Hamilton | AK | YK | - | - | BC | AB | SK | MB | ON | QC | - | - | NS | - | - | - | - | - | - |
| <i>I. moniliferae</i> Osborn & Ball | - | - | - | - | - | - | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. morosus</i> Ball | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. musteus</i> Ball | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | - | - | - | - | - |
| <i>I. nervatus</i> Van Duzee | - | - | - | - | BC | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>I. omani</i> Freytag | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. pallidus</i> Fitch | - | - | NT | - | BC | AB | SK | MB | ON | QC | - | PE | NS | NF | LB | - | - | - | - |
| <i>I. pericallis</i> Hamilton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. productus</i> Gillette & Baker | AK | YK | NT | - | BC | AB | - | - | ON | - | - | - | - | - | LB | - | - | - | - |
| <i>I. ramentosus</i> Uhler | - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | - | - | - | - | - |
| <i>I. raphus</i> Freytag | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>I. rotundens</i> DeLong & Caldwell | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - |
| <i>I. rufus</i> Gillette & Baker | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. setaceus</i> Hamilton | - | - | NT | - | BC | AB | SK | MB | ON | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | | | | |
|---|----|----|----|---|----|----|----|-----|-----|----|----|-----|-----|-----|----|---|-----|
| <i>Idiocerus snowi</i> Gillette & Baker | - | - | - | - | BC | - | - | MB? | - | - | - | - | - | - | - | - | - |
| <i>I. stellaris</i> DeLong & Caldwell | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - | - | - |
| <i>I. stigmatalis</i> Lewis | - | - | - | - | - | - | - | - | ON* | - | - | PE* | NS* | NF* | - | - | [O] |
| <i>I. striolus</i> Fieber | AK | YK | NT | - | BC | AB | SK | MB | ON | - | - | - | - | - | NF | - | - |
| <i>I. subnitens</i> Sanders & DeLong | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | NF | - | - |
| <i>I. suturalis</i> Fitch | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - | - | - |
| <i>I. tahotus</i> Ball & Parker | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. taiga</i> Hamilton | - | - | - | - | - | AB | - | - | ON | - | - | - | - | - | - | - | - |
| <i>I. unicolor</i> Hamilton | - | - | - | - | - | - | - | MB | ON | - | NB | - | - | - | - | - | - |
| <i>I. utahus</i> Ball & Parker | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. vanduzeei</i> Hamilton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>I. varians</i> Hamilton | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - |
| <i>I. venosus</i> Hamilton | - | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - | - | - |
| <i>I. xanthiops</i> Hamilton | AK | YK | NT | - | BC | AB | - | MB | ON | QC | - | - | - | - | NF | - | - |

Genus MACROPSIS Lewis

| | | | | | | | | | | | | | | | | | |
|--|----|----|----|---|-----|----|----|----|-----|-----|-----|-----|-----|-----|---|---|------|
| <i>M. aurifera</i> Breakey | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | - | - | - | - | - |
| <i>M. basalis</i> (Van Duzee) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - | - | - |
| <i>M. bifasciata</i> (Van Duzee) | - | - | - | - | BC | - | - | MB | ON | QC | NB | - | NS | - | - | - | - |
| <i>M. borealis</i> Hamilton | AK | YK | NT | - | BC | AB | SK | MB | ON | - | - | - | - | - | - | - | - |
| <i>M. canadensis</i> (Van Duzee) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - | - | - |
| <i>M. cinerea</i> Breakey | - | - | - | - | - | AB | SK | MB | ON | - | - | - | - | - | - | - | - |
| <i>M. confusa</i> Breakey | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - | - | - |
| <i>M. decisa</i> Hamilton | - | - | - | - | - | - | - | - | - | - | NB | - | - | - | - | - | [r] |
| <i>M. deviridis</i> Hamilton | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - | - | - |
| <i>M. feminis</i> Hamilton | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - | - | - |
| <i>M. ferrugineoides</i> (Van Duzee) | - | - | - | - | - | AB | SK | MB | ON | - | - | - | - | - | - | - | - |
| <i>M. fumipennis</i> (Gillette & Baker) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - |
| <i>M. fuscus</i> (Zetterstedt)
raspberry leafhopper | - | - | - | - | BC* | - | - | - | ON* | - | - | PE* | - | - | - | - | [O] |
| <i>M. graminea</i> (Fabricius) | - | - | - | - | BC* | - | - | - | ON* | QC* | - | PE* | NS* | NF* | - | - | [A] |
| <i>M. hesperia</i> Breakey | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - | - | - |
| <i>M. insignis</i> (Van Duzee) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - |
| <i>M. jocosus</i> Hamilton | - | - | - | - | - | - | SK | MB | ON | QC | - | - | - | - | - | - | - |
| <i>M. mendax</i> (Fieber) | - | - | - | - | - | - | - | - | ON* | - | - | - | - | - | - | - | [O] |
| <i>M. notata</i> Prohaska | - | - | - | - | - | - | - | - | - | QC* | NB* | - | - | - | - | - | - |
| <i>M. ocellata</i> (Provancher) | - | - | - | - | - | - | - | - | ON* | QC* | - | - | NS* | - | - | - | [O] |
| <i>M. osborni</i> Breakey | - | - | - | - | - | AB | - | MB | ON | - | - | - | - | - | - | - | - |
| <i>M. robusta</i> Breakey | AK | YK | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - | - | - |
| <i>M. rufescens</i> Hamilton | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - | - | - |
| <i>M. rufoccephala</i> Osborn | - | - | - | - | - | AB | SK | MB | ON | - | - | - | - | - | - | - | - |
| <i>M. sauroni</i> Hamilton | - | - | - | - | - | - | - | MB | ON | - | - | - | - | - | - | - | - |
| <i>M. sordida</i> (Van Duzee) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | - | - | - | - | - |
| <i>M. trimaculata</i> (Fitch)
plum leafhopper; cicadelle du prunier | - | - | - | - | - | - | - | - | ON | - | - | - | NS* | - | - | - | [A] |
| <i>M. tristis</i> (Van Duzee) | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - | - | [rA] |
| <i>M. trivialis</i> (Ball) | - | - | - | - | - | AB | SK | MB | ON | QC | - | - | - | - | - | - | - |
| <i>M. tunicata</i> Hamilton | - | - | - | - | - | - | SK | MB | ON | QC | - | - | - | - | - | - | - |
| <i>M. vicina</i> (Horváth) | - | - | - | - | - | - | - | - | ON* | - | - | PE* | - | - | - | - | [O] |
| <i>M. vinea</i> Hamilton | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - | - | - |
| <i>M. viridis</i> (Fitch) | - | - | - | - | - | AB | SK | MB | ON | QC | NB | - | - | - | - | - | - |

Genus ONCOPSIS Burmeister

| | | | | | | | | | | | | | | | | | |
|------------------------------------|----|----|----|---|----|----|----|----|----|----|----|---|---|----|---|---|---|
| <i>O. abietis</i> (Fitch) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | - | NF | - | - | - |
| <i>O. albicollis</i> Hamilton | AK | YK | NT | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>O. californica</i> Van Duzee | AK | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>O. cinctifrons</i> (Provancher) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | | |
|--|----|----|----|---|-----|----|----|----|----|----|----|----|----|----|----|
| <i>Oncopsis citra</i> Hamilton | - | - | - | - | BC | - | - | - | ON | QC | NB | - | NS | NF | - |
| <i>O. citrella</i> Hamilton | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - |
| <i>O. coloradensis</i> (Baker) | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - |
| <i>O. concurrens</i> Hamilton | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - |
| <i>O. crispae</i> Hamilton | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | LB |
| <i>O. dorsalis</i> (Provancher) | - | - | - | - | - | - | - | MB | ON | QC | NB | PE | NS | - | - |
| <i>O. ferrosa</i> Hamilton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>O. flavidorsum</i> (Amyot & Serville) | - | - | - | - | - | - | - | MB | ON | QC | NB | PE | NS | NF | LB |
| <i>O. incidens</i> Hamilton | - | - | - | - | BC | - | SK | MB | - | - | - | - | - | - | - |
| <i>O. interior</i> Hamilton | AK | YK | NT | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>O. juno</i> Hamilton | - | - | - | - | BC | - | SK | - | - | - | - | - | - | - | - |
| <i>O. marilynae</i> Hamilton | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>O. minor</i> (Fitch) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - |
| <i>O. monticola</i> Hamilton | AK | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>O. nigrinasi</i> (Fitch) | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| <i>O. prolixa</i> Hamilton | - | - | - | - | BC | - | - | - | ON | QC | NB | - | NS | NF | - |
| <i>O. quebecensis</i> Hamilton | - | - | - | - | - | - | - | - | QC | - | - | - | NS | NF | - |
| <i>O. sobria</i> (Walker) | - | - | - | - | BC | - | SK | MB | ON | QC | NB | - | NS | NF | - |
| <i>O. speciosa</i> Hamilton | - | - | - | - | - | - | - | - | - | - | - | - | NS | NF | - |
| <i>O. tenuifoliae</i> Hamilton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>O. tristis</i> (Zetterstedt) | - | - | - | - | BC* | - | - | - | - | - | - | - | - | - | - |
| <i>O. truncata</i> (Baker) | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>O. variabilis</i> (Fitch) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - |
| <i>O. vartyi</i> Hamilton | - | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | NF | - |

Genus PEDIOPSIS Burmeister

| | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|-----|-----|---|---|---|---|---|
| <i>P. tiliae</i> (Germar) | - | - | - | - | - | - | - | - | ON* | QC* | - | - | - | - | - |
|---------------------------|---|---|---|---|---|---|---|---|-----|-----|---|---|---|---|---|

Genus PEDIOPSOIDES Matsumura

| | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|
| <i>P. distinctus</i> (Van Duzee) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
|----------------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|

Genus RHYTIDODUS Fieber

| | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|-----|---|---|---|-----|---|---|---|-----|-----|---|
| <i>R. decimaquartus</i> (Schränk) | - | - | - | - | BC* | - | - | - | ON* | - | - | - | NS* | NF* | - |
|-----------------------------------|---|---|---|---|-----|---|---|---|-----|---|---|---|-----|-----|---|

Genus TIAJA Oman

| | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|
| <i>T. arenaria</i> Oman | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
|-------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|

Subfamily KOEBELIINAE**Genus KOEBELIA** Baker

| | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|
| <i>K. californica</i> Baker | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
|-----------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|

Subfamily LEDRINAE**Genus XEROPHLOEA** Germar

| | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|----|----|----|----|----|----|---|---|---|---|---|
| <i>X. major</i> Baker | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>X. peltata</i> (Uhler) | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - |
| <i>X. zionis</i> Lawson | - | - | - | - | BC | - | - | MB | - | - | - | - | - | - | - |

Subfamily NEOCOELIDIINAE**Genus NEOCOELIDIA** Gillette & Baker

| | | | | | | | | | | | | | | | |
|--|---|---|---|---|----|----|----|----|----|----|---|----|---|---|---|
| <i>N. lineata</i> Baker | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>N. tuberculata</i> (Baker) | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - |
| <i>N. tumidifrons</i> Gillette & Baker | - | - | - | - | - | AB | SK | MB | ON | QC | - | PE | - | - | - |

Subfamily SCARINAE

Genus GYPONA Germar

| | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|----|----|----|----|---|---|---|---|---|---|
| <i>G. contana</i> DeLong | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - |
| <i>G. melanota</i> Spångberg | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |

Genus GYPONANA Ball

| | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|-----|----|----|----|----|----|----|----|----|-----|
| <i>G. acia</i> DeLong | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>G. avara</i> DeLong | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>G. brevita</i> DeLong | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>G. cacumina</i> DeLong | - | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | - | - |
| <i>G. expanda</i> DeLong | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>G. extenda</i> DeLong | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>G. geminata</i> (Osborn) | - | - | - | - | - | - | SK | MB | ON | QC | NB | - | NS | - | - |
| <i>G. gladia</i> DeLong | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
| <i>G. hasta</i> DeLong | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>G. mali</i> DeLong | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>G. octolineata</i> (Say) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>G. ortha</i> DeLong | - | - | - | - | - | - | - | - | ON | - | NB | - | - | - | - |
| <i>G. praelonga</i> DeLong | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
| <i>G. pruinosa</i> (Spångberg) | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>G. quebecensis</i> (Provancher) | - | - | - | - | - | BC | - | SK | MB | ON | QC | NB | - | - | - |
| <i>G. querci</i> DeLong | - | - | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| <i>G. salsa</i> DeLong | - | - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - |
| <i>G. serpenta</i> DeLong | - | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - |
| <i>G. striata</i> (Burmeister) | - | - | - | - | - | BC? | - | - | - | ON | QC | - | - | NS | - |
| <i>G. tubera</i> DeLong | - | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - |
| <i>G. vasta</i> DeLong | - | - | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| <i>G. vincula</i> DeLong | - | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - |

Genus PONANA Ball

| | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|----|----|----|---|---|----|---|---|
| <i>P. albosignata</i> DeLong | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>P. pectoralis</i> (Spångberg) | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |
| <i>P. puncticollis</i> (Spångberg) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>P. quadralaba</i> DeLong | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>P. rubida</i> DeLong | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |
| <i>P. scarlatina</i> (Fitch) | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - |

Genus PRAIRIANA Ball

| | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|-----|----|----|-----|----|---|---|---|---|-----|
| <i>P. angustens</i> DeLong | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
| <i>P. cinerea</i> (Uhler) | - | - | - | - | - | BC? | AB | SK | MB | ON | - | - | - | - | - |
| <i>P. kansana</i> (Ball) | - | - | - | - | - | - | - | - | MB? | ON | - | - | - | - | [r] |

Genus STRAGANIA Stål

| | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|----|----|----|----|-----|---|-----|---|---|---|
| <i>S. alabamensis</i> (Baker) | - | - | - | - | - | - | - | - | ON | - | - | PE* | - | - | - |
| <i>S. apicalis</i> (Osborn & Ball) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>S. atra</i> (Baker) | - | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - |
| <i>S. robusta</i> (Uhler) | - | - | - | - | - | - | AB | - | - | ON? | - | - | - | - | - |
| <i>S. rufoscutellata</i> (Baker) | - | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - |

Subfamily TYPHLOCYBINAE

Genus AGURIAHANA Distant

| | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|-----|---|---|---|-----|---|-----|
| <i>A. stellulata</i> (Burmeister) | - | - | - | - | - | - | - | - | ON* | - | - | - | NS* | - | [O] |
|-----------------------------------|---|---|---|---|---|---|---|---|-----|---|---|---|-----|---|-----|

Genus ALEBRA Fieber

| | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|----|----|---|---|-----|---|---|
| <i>A. aurea</i> (Walsh) | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>A. bicincta</i> DeLong | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>A. fumida</i> Gillette | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>A. thoracica</i> Hamilton | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>A. wahlbergi</i> (Boheman) | - | - | - | - | - | - | - | - | - | - | - | NS* | - | - |

Genus ALNETOIDIA Diabola

| | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|-----|---|-----|
| <i>A. alneti</i> (Dahlbom) | - | - | - | - | - | - | - | - | - | - | - | NS* | - | [O] |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|-----|---|-----|

Genus ARBORIDIA Zachvatkin

| | | | | | | | | | | | | | | |
|--|---|---|---|---|----|----|----|----|----|----|----|----|----|-----|
| <i>A. betulaspera</i> (Richards & Varty) | - | - | - | - | BC | AB | SK | - | ON | QC | NB | PE | NS | NF |
| <i>A. bitincta</i> (McAtee) | - | - | - | - | - | - | - | - | ON | - | NB | - | - | - |
| <i>A. cornipes</i> (Beamer) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| <i>A. crataegi</i> (Johnson) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| <i>A. dorsalis</i> (Gillette) | - | - | - | - | - | - | - | - | ON | - | - | - | - | NF* |
| <i>A. enata</i> (Knull) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| <i>A. fumida</i> (Gillette) | - | - | - | - | - | - | - | MB | ON | QC | NB | - | - | - |
| <i>A. insigna</i> (Beamer & Griffith) | - | - | - | - | BC | - | SK | MB | ON | - | NB | PE | NS | - |
| <i>A. nitida</i> (Beamer) | - | - | - | - | - | - | - | - | ON | - | NB | - | NS | - |
| <i>A. noeva</i> (Gillette) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| <i>A. obliqua</i> (Say) | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - |
| <i>A. obvia</i> (Beamer) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - |
| <i>A. plena</i> (Beamer) | - | - | - | - | BC | AB | - | - | ON | - | NB | - | NS | - |
| <i>A. sinua</i> (Johnson) | - | - | - | - | BC | - | SK | - | ON | - | NB | - | NS | - |
| <i>A. stolata</i> (McAtee) | - | - | - | - | - | - | - | - | ON | QC | NB | PE | - | - |
| <i>A. varia</i> (McAtee) | - | - | - | - | - | - | - | - | - | - | - | - | NS | - |

Genus CHLORITA Fieber

| | | | | | | | | | | | | | | |
|------------------------------|---|----|---|---|----|---|---|---|---|---|---|---|---|---|
| <i>C. nearctica</i> Hamilton | - | YK | - | - | BC | - | - | - | - | - | - | - | - | - |
|------------------------------|---|----|---|---|----|---|---|---|---|---|---|---|---|---|

Genus DIKRANEURA Hardy

| | | | | | | | | | | | | | | |
|-------------------------------------|----|-----|----|---|-----|----|-----|-----|----|-----|----|---|----|-----|
| <i>D. abnormis</i> (Walsh) | - | - | - | - | BC? | - | - | - | - | QC | - | - | - | - |
| <i>D. absenta</i> DeLong & Caldwell | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>D. angustata</i> Ball & DeLong | - | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| <i>D. carneola</i> (Stål) | AK | YK? | - | - | BC | AB | SK? | MB? | - | - | - | - | - | - |
| <i>D. etiolata</i> Knull | - | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| <i>D. hungerfordi</i> Lawson | AK | YK | NT | - | - | AB | SK | MB | ON | - | - | - | NS | NF |
| <i>D. mali</i> (Provancher) | AK | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - |
| <i>D. omani</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | [r] |
| <i>D. rubrala</i> DeLong & Caldwell | - | - | - | - | - | AB | - | MB | ON | - | - | - | NS | - |
| <i>D. rufula</i> Gillette | - | - | - | - | BC | - | - | - | - | QC? | - | - | - | - |
| <i>D. urbana</i> Ball & DeLong | - | - | - | - | - | - | - | - | ON | - | NB | - | NS | - |
| <i>D. variata</i> Hardy | - | YK | - | - | BC | AB | SK | MB | - | - | - | - | - | - |

Genus DIKRELLA Oman

| | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|----|---|---|---|----|----|---|---|---|---|
| <i>D. californica</i> (Lawson) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>D. cruentata</i> (Gillette) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - |

Genus EMPOASCA Walsh

| | | | | | | | | | | | | | | |
|------------------------------|----|----|---|---|----|----|----|----|----|----|----|----|----|---|
| <i>E. abbreviata</i> DeLong | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>E. abrupta</i> DeLong | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>E. albolinea</i> Gillette | - | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| <i>E. alboneura</i> Gillette | - | - | - | - | BC | - | SK | MB | ON | - | - | - | - | - |
| <i>E. alexanderæ</i> Ross | - | - | - | - | BC | - | - | - | ON | QC | - | - | - | - |
| <i>E. andresia</i> Ross | AK | YK | - | - | BC | AB | - | MB | ON | QC | NB | PE | NS | - |
| <i>E. angustella</i> DeLong | - | - | - | - | - | - | - | - | ON | - | - | - | - | - |

| | | | | | | | | | | | | | | | | | | |
|---|----|----|----|---|---|-----|----|----|----|-----|-----|----|----|----|----|-----|-----|-----|
| <i>Empoasca angustifoliae</i> Ross | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>E. aspersa</i> Gillette | - | - | - | - | - | BC | - | - | - | ON? | QC? | - | - | - | - | - | - | |
| <i>E. aureoviridis</i> (Uhler) | - | - | - | - | - | BC | - | - | - | ON? | QC? | - | - | - | - | - | - | |
| <i>E. banksianae</i> Hamilton | - | - | - | - | - | BC | AB | - | - | ON | - | - | - | - | - | - | - | |
| <i>E. biarca</i> Davidson & DeLong | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | |
| <i>E. bifurcata</i> DeLong | - | - | - | - | - | - | - | - | MB | ON | QC | NB | - | NS | - | - | - | |
| <i>E. brunneus</i> Osborn | - | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | |
| <i>E. caesarsi</i> Hamilton | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | |
| <i>E. carsona</i> DeLong & Davidson | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | |
| <i>E. cavema</i> Davidson & DeLong | - | - | - | - | - | BC | - | - | - | ON | - | - | - | - | - | - | - | |
| <i>E. cerea</i> DeLong & Davidson | - | - | - | - | - | - | - | SK | - | - | - | NB | - | - | - | - | - | |
| <i>E. clinata</i> Ross | AK | YK | - | - | - | BC | AB | - | - | ON | - | - | - | - | - | NF | - | |
| <i>E. clypeata</i> Gillette & Baker | - | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | |
| <i>E. coccinea</i> Fitch | - | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | NF | - | |
| <i>E. columbiana</i> Hamilton | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | |
| <i>E. convergens</i> Davidson & DeLong | - | - | - | - | - | BC | - | - | - | ON | - | NB | - | NS | NF | - | - | |
| <i>E. copula</i> DeLong | AK | YK | NT | - | - | BC | - | SK | MB | ON | - | - | - | - | - | NF | - | |
| <i>E. coronata</i> Hamilton | - | YK | - | - | - | BC | AB | - | - | ON | QC | - | - | - | - | - | - | |
| <i>E. crystola</i> Ross | AK | YK | NT | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | |
| <i>E. curvata</i> Poos | - | - | - | - | - | BC | AB | - | MB | ON | - | NB | - | NS | - | - | - | |
| <i>E. curvatura</i> Davidson & DeLong | - | - | - | - | - | BC | - | - | - | - | QC | - | - | - | - | - | - | |
| <i>E. deluda</i> DeLong | AK | - | NT | - | - | BC | - | SK | MB | ON | QC | NB | - | - | - | - | - | |
| <i>E. digita</i> DeLong | - | - | - | - | - | BC | - | SK | MB | - | - | - | - | - | - | - | - | |
| <i>E. dissimilaris</i> Hamilton | - | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | |
| <i>E. distracta</i> Caldwell & DeLong | - | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | |
| <i>E. ditata</i> Caldwell & DeLong | - | - | - | - | - | BC | - | - | - | - | - | - | - | NS | - | - | - | |
| <i>E. elongella</i> DeLong | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | |
| <i>E. empusa</i> Hamilton | - | - | - | - | - | BC | - | SK | MB | ON | QC | NB | - | - | - | - | - | |
| <i>E. ensiformis</i> Oman & Wheeler | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | |
| <i>E. erigeron</i> DeLong | - | - | - | - | - | BC | - | - | - | ON | QC | NB | - | NS | NF | - | - | |
| <i>E. esuma</i> Goding | - | - | - | - | - | BC | - | - | - | ON | - | - | - | - | - | - | - | |
| <i>E. exiguae</i> Ross | - | - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | - | - | |
| <i>E. fabae</i> Harris | - | - | - | - | - | BC? | - | SK | MB | ON | QC | NB | PE | NS | NF | - | [A] | |
| potato leafhopper; cicadelle de la pomme de terre | | | | | | | | | | | | | | | | | | |
| <i>E. falca</i> Davidson & DeLong | - | - | - | - | - | - | - | SK | MB | - | - | - | - | - | - | - | - | |
| <i>E. filamenta</i> DeLong | - | YK | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | - | - | [A] |
| <i>E. flavescens</i> (Fabricius) | - | - | - | - | - | BC* | - | - | - | - | - | - | - | - | - | - | - | |
| <i>E. fontana</i> Ross | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | |
| <i>E. gelbata</i> DeLong & Davidson | - | - | - | - | - | BC | AB | SK | - | ON | QC | - | - | - | - | - | - | |
| <i>E. hartzelli</i> Baker | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | |
| <i>E. incida</i> DeLong | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | |
| <i>E. junipera</i> DeLong | - | - | - | - | - | BC | - | - | - | ON | QC | - | - | - | - | - | - | |
| <i>E. livingstonii</i> Gillette | - | YK | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | |
| <i>E. lucidae</i> Ross | - | YK | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | |
| <i>E. luda</i> Davidson & DeLong | - | - | - | - | - | BC* | - | - | - | ON* | - | - | - | - | - | NF* | [O] | |
| <i>E. medora</i> DeLong | - | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - | - | |
| <i>E. mexicana</i> Gillette | - | - | - | - | - | - | - | SK | - | - | - | - | - | - | - | - | - | |
| <i>E. neaspersa</i> Oman & Wheeler | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | |
| <i>E. neclya</i> Davidson & DeLong | - | - | - | - | - | - | - | SK | - | - | - | - | - | - | - | - | - | |
| <i>E. nema</i> Davidson & DeLong | - | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | |
| <i>E. nigra</i> Gillette & Baker | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>E. nigroscuta</i> Gillette & Baker | AK | YK | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - | - | |
| <i>E. obtusa</i> Walsh | - | - | - | - | - | - | - | SK | MB | - | QC | - | - | NS | - | - | - | |
| <i>E. osborni</i> Hartzell | - | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - | |
| <i>E. pallida</i> Gillette | - | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | [r] |
| <i>E. panda</i> DeLong | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | |
| <i>E. patula</i> DeLong | - | - | - | - | - | BC | - | SK | MB | ON | - | NB | - | - | - | NF | - | |

| Species | Author | AK | YK | NT | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | Other |
|--------------------------|-------------------|----|----|----|-----|----|----|----|----|----|----|----|-----|-----|-------|
| <i>Empoasca pelecana</i> | Oman & Wheeler | - | - | - | BC | - | - | - | - | - | - | - | - | - | |
| <i>E. pergrada</i> | Davidson & DeLong | - | - | - | - | - | SK | - | ON | - | - | - | - | NF | |
| <i>E. perlonga</i> | Davidson & DeLong | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
| <i>E. petiolaridis</i> | Ross | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | |
| <i>E. pinella</i> | Davidson & DeLong | - | - | - | BC | - | - | - | - | - | - | - | - | - | |
| <i>E. populi</i> | Edwards | - | - | - | - | - | - | - | - | - | - | - | NS* | NF* | [O] |
| <i>E. portola</i> | DeLong | AK | YK | - | BC | AB | - | - | - | - | - | - | - | - | |
| <i>E. pulchella</i> | Gillette & Baker | - | - | - | - | - | - | - | - | - | - | - | NS? | - | |
| <i>E. pura</i> | Stål | AK | YK | NT | BC | AB | SK | - | ON | - | - | - | - | NF | |
| <i>E. racina</i> | DeLong & Liles | - | - | - | - | - | - | MB | - | - | - | - | - | - | |
| <i>E. ratio</i> | Davidson & DeLong | AK | YK | - | BC | AB | - | - | - | QC | - | - | NS | - | |
| <i>E. recta</i> | Caldwell & DeLong | - | - | - | BC | - | - | - | ON | - | - | - | - | - | |
| <i>E. recurvata</i> | DeLong | - | - | - | - | - | - | - | ON | - | - | - | - | - | |
| <i>E. rossi</i> | Hamilton | - | - | - | BC | - | - | - | - | - | - | - | - | - | |
| <i>E. salicis</i> | Wheeler | - | - | - | - | - | - | MB | ON | - | - | - | - | - | |
| <i>E. smaragdula</i> | (Fallén) | - | - | - | BC* | - | - | - | - | - | - | - | - | - | [O] |
| <i>E. sordidula</i> | Ossiannilsson | AK | YK | - | BC | AB | - | - | - | QC | - | - | - | - | |
| <i>E. spira</i> | Caldwell & DeLong | - | YK | - | - | - | - | - | - | - | - | - | NS | - | |
| <i>E. tigris</i> | Hamilton | - | - | - | BC | - | - | - | - | - | - | - | - | - | |
| <i>E. tolana</i> | DeLong & Guevara | - | - | - | BC | - | - | - | - | - | - | - | - | - | |
| <i>E. torqua</i> | Davidson & DeLong | - | - | - | - | - | - | MB | ON | QC | - | - | NS | - | |
| <i>E. trifasciata</i> | Gillette | - | - | - | BC | - | - | - | ON | - | - | - | - | - | |
| <i>E. typhlocyboides</i> | Gillette & Baker | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | |
| <i>E. unica</i> | Provancher | - | - | - | - | - | - | - | - | QC | - | - | - | - | |
| <i>E. venusta</i> | Davidson & DeLong | - | - | - | - | - | - | - | - | QC | NB | - | NS | - | |
| <i>E. vergena</i> | Caldwell & DeLong | - | - | - | - | - | SK | MB | ON | - | - | - | NS | - | |
| <i>E. vincula</i> | DeLong | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | |
| <i>E. volsella</i> | Hamilton | - | - | - | - | - | - | - | - | QC | - | - | NS | - | |
| <i>E. yukonensis</i> | Ross | AK | YK | - | BC | AB | - | - | - | - | - | - | - | - | |
| <i>E. zaisanensis</i> | (Mitjaev) | AK | - | NT | - | AB | SK | - | ON | QC | NB | - | - | - | |
| <i>E. zancus</i> | Hamilton | - | - | - | - | - | SK | - | ON | QC | - | - | NS | - | |

| | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|-----|----|----|-----|----|----|----|----|-----|
| <i>E. abjecta</i> Beamer | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>E. acicularis</i> Beamer | - | - | - | - | BC | - | - | - | - | - | - | - | - |
| <i>E. ador</i> McAtee | - | - | - | - | - | - | - | - | - | - | - | NS | - |
| <i>E. affinis</i> Fitch | - | - | - | - | - | - | MB | - | - | - | - | - | - |
| <i>E. ardens</i> McAtee | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| <i>E. aspera</i> Beamer & Griffith | - | - | - | - | BC | - | - | - | - | - | - | - | - |
| <i>E. basilaris</i> (Say) | - | - | - | - | - | - | - | ON | QC | - | - | - | - |
| <i>E. beameri</i> Robinson | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| <i>E. bigemina</i> McAtee | - | - | - | - | BC | - | - | ON | QC | - | - | - | - |
| <i>E. bispinosa</i> Beamer | - | - | - | - | - | - | - | - | - | - | NB | - | - |
| <i>E. brevipes</i> Beamer | - | - | - | - | - | - | - | - | - | - | NB | - | - |
| <i>E. calva</i> Beamer | - | - | - | - | AB | SK | MB | - | - | - | - | - | - |
| <i>E. calycula</i> McAtee | - | - | - | - | - | - | - | ON? | - | - | - | - | - |
| <i>E. campora</i> Robinson | - | - | - | - | - | - | MB | ON | QC | NB | - | NS | - |
| <i>E. carbonata</i> McAtee | - | - | - | - | AB | SK | MB | - | - | - | - | - | - |
| <i>E. carmini</i> Beamer | - | - | - | - | - | - | MB | ON | - | NB | - | - | - |
| <i>E. certa</i> Beamer | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| <i>E. coloradensis</i> (Gillette) | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| <i>E. comes</i> (Say) | - | - | - | - | BC? | - | - | ON | QC | - | - | - | - |
| grape leafhopper; cicadelle du raisin | | | | | | | | | | | | | [A] |
| <i>E. complicata</i> Johnson | - | - | - | - | BC? | - | - | - | - | - | - | - | - |
| <i>E. compta</i> McAtee | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| <i>E. concisa</i> Beamer | - | - | - | - | - | - | - | ON | QC | - | - | - | - |
| <i>E. continua</i> Knoll & Auten | - | - | - | - | - | - | - | - | - | QC | - | - | - |

| | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|-----|-----|-----|-----|----|----|----|----|----|---|---|
| <i>Erythroneura corni</i> Robinson | - | - | - | - | BC* | - | - | - | - | - | - | - | NS | - | - |
| <i>E. crevecoeurii</i> Gillette | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>E. cuneata</i> Beamer | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>E. cymbium</i> McAtee | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>E. delicata</i> McAtee | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>E. dira</i> Beamer | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>E. divisa</i> McAtee | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>E. dolosa</i> Beamer & Griffith | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>E. electa</i> McAtee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>E. elegans</i> McAtee | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>E. elegantula</i> Osborne | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>E. eluta</i> McAtee | - | - | - | - | - | SK | - | ON | QC | NB | - | - | - | - | - |
| <i>E. eversi</i> Ross & DeLong | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>E. fulvocephala</i> Robinson | - | - | - | - | - | SK | - | ON | - | - | - | - | - | - | - |
| <i>E. funesta</i> Beamer | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>E. gemina</i> McAtee | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>E. hamata</i> Beamer | - | - | - | - | - | - | - | ON | - | NB | - | NS | - | - | - |
| <i>E. harpola</i> Ross | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| <i>E. haysensis</i> Hepner | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>E. inconspicua</i> Johnson | - | - | - | - | - | - | - | ON? | - | - | - | - | - | - | - |
| <i>E. infusca</i> (Gillette) | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>E. jocosa</i> Beamer | - | - | - | - | - | - | - | ON? | - | - | - | - | - | - | - |
| <i>E. kanwakae</i> Robinson | - | - | - | - | AB | - | - | - | QC | - | - | - | - | - | - |
| <i>E. latapex</i> Beamer | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>E. lawsoniana</i> Baker | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>E. ligata</i> McAtee | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - |
| <i>E. linea</i> Beamer | - | - | - | - | - | MB | ON | - | NB | - | - | - | - | - | - |
| <i>E. macra</i> Beamer | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - | - | - |
| <i>E. maculata</i> Gillette | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
| <i>E. magnacalx</i> Beamer | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - |
| <i>E. manus</i> Beamer | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - |
| <i>E. maritima</i> Hamilton | - | - | - | - | - | - | - | - | NB | - | NS | - | - | - | - |
| <i>E. marra</i> Beamer | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - |
| <i>E. masonae</i> Knoll | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - |
| <i>E. mimica</i> Ross | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - |
| <i>E. minima</i> Johnson | - | - | - | - | - | - | ON? | - | - | - | - | - | - | - | - |
| <i>E. minor</i> Beamer | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - |
| <i>E. nigra</i> (Gillette) | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
| <i>E. nondescripta</i> Johnson | - | - | - | - | - | MB | ON | QC | NB | - | - | - | - | - | - |
| <i>E. nudata</i> McAtee | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - |
| <i>E. octonotata</i> Walsh | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
| <i>E. ontari</i> Robinson | - | - | - | - | BC | AB | - | ON | QC | - | PE | NS | - | - | - |
| <i>E. parallela</i> McAtee | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>E. patris</i> Ross & DeLong | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>E. penesica</i> Beamer | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>E. perila</i> Beamer | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>E. prima</i> Beamer | - | - | - | - | - | - | - | ON | QC | NB | - | - | - | - | - |
| <i>E. reflecta</i> McAtee | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| <i>E. restricta</i> Beamer | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>E. rosa</i> Robinson | - | - | - | - | BC | SK | - | ON | QC | NB | - | - | - | - | - |
| <i>E. rubens</i> Beamer | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - |
| <i>E. rubra</i> (Gillette) | - | - | - | - | - | - | - | ON? | - | - | - | - | - | - | - |
| <i>E. rubrella</i> McAtee | - | - | - | - | BC | SK | - | ON | - | - | - | - | - | - | - |
| <i>E. rubroscuta</i> Gillette | - | - | - | - | - | SK? | - | ON? | - | - | - | - | - | - | - |
| <i>E. sancta</i> Beamer | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>E. separata</i> Beamer | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>E. septima</i> Beamer | - | - | - | - | BC* | - | - | ON | QC | - | - | NS | - | - | - |

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|--|---|---|---|---|-----|----|----|----|----|----|----|----|----|---|---|---|---|---|-----|
| <i>Erythroneura smithi</i> Ross | - | - | - | - | - | SK | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>E. solita</i> Beamer | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - |
| <i>E. tacita</i> Beamer | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>E. tenuispica</i> Beamer | - | - | - | - | - | - | - | - | ON | - | NB | - | - | - | - | - | - | - | - |
| <i>E. trautmanae</i> Knoll | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - | - | - | - | - |
| <i>E. tricolor</i> Fisch
threebanded grape leafhopper; cicadelle à trois bandes | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | [A] |
| <i>E. tridens</i> Beamer | - | - | - | - | - | - | - | - | ON | - | NB | - | - | - | - | - | - | - | - |
| <i>E. tumida</i> Knoll | - | - | - | - | - | - | - | - | ON | - | NB | - | - | - | - | - | - | - | - |
| <i>E. uncinata</i> Beamer | - | - | - | - | AB | - | MB | ON | QC | NB | - | NS | - | - | - | - | - | - | - |
| <i>E. victorialis</i> Knoll | - | - | - | - | - | - | - | - | ON | - | - | - | NS | - | - | - | - | - | - |
| <i>E. vitifex</i> Fisch | - | - | - | - | BC* | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>E. vitis</i> (Harris)
grapevine leafhopper; cicadelle de la vigne | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | [A] |
| <i>E. vulgaris</i> Hopper | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - |
| <i>E. vulnerata</i> Fisch | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - | - | - | - | [A] |
| <i>E. zizcae</i> Walsh
virginiacreeper leafhopper; cicadelle de la vigne-vierge | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | - | - | - | - | - | - | - |

Genus EUPTERYX Curtis

| | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|-----|---|---|---|-----|-----|-----|----|----|----|---|---|---|---|-----|
| <i>E. atropunctata</i> (Goeze) | - | - | - | - | - | - | - | - | ON* | QC* | NB* | - | - | - | - | - | - | - | [A] |
| <i>E. aurata</i> (Linnaeus) | - | - | - | - | - | - | - | - | - | QC* | - | - | - | - | - | - | - | - | [A] |
| <i>E. clavialis</i> McAtee | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - | - | - | - |
| <i>E. flavoscuta</i> Gillette | - | - | - | - | - | - | - | - | ON | QC | - | PE | NS | - | - | - | - | - | - |
| <i>E. furcata</i> (Beamer) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>E. melissae</i> Curtis | - | - | - | - | BC* | - | - | - | ON* | QC* | - | - | - | - | - | - | - | - | [A] |
| <i>E. nigra</i> Osborn | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - | - | - | - | - |
| <i>E. vanduzeei</i> Gillette | - | - | - | - | - | - | - | - | - | QC | - | - | NS | NF | - | - | - | - | - |
| <i>E. vittata</i> (Linnaeus) | - | - | - | - | - | - | - | - | - | QC* | - | - | - | - | - | - | - | - | [A] |

Genus FAGOCYBA Diabola

| | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|-----|---|---|---|---|---|---|---|---|-----|---|---|---|---|-----|
| <i>F. douglasii</i> (Edwards) | - | - | - | - | BC* | - | - | - | - | - | - | - | - | NF* | - | - | - | - | [O] |
|-------------------------------|---|---|---|---|-----|---|---|---|---|---|---|---|---|-----|---|---|---|---|-----|

Genus FORCIPATA DeLong & Caldwell

| | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|----|----|----|---|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|
| <i>F. acclina</i> DeLong & Caldwell | AK | - | - | - | BC | - | SK | MB | ON | - | - | - | NS | NF | - | - | - | - | - |
| <i>F. calipera</i> DeLong & Caldwell | - | - | - | - | - | - | - | - | ON | QC | - | PE | - | - | - | - | - | - | - |
| <i>F. citrinella</i> (Zimmerstedt) | AK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>F. frigida</i> (Berna) | - | - | - | - | - | AB | - | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>F. ips</i> Hamilton | AK | YK | NT | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>F. lobata</i> Beamer | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - |
| <i>F. loca</i> DeLong & Caldwell | AK | YK | - | - | BC | - | SK | MB | ON | QC | NB | PE | NS | NF | - | - | - | - | - |
| <i>F. montana</i> Hamilton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>F. sicula</i> DeLong & Caldwell | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>F. triquetra</i> DeLong & Caldwell | AK | YK | NT | - | BC | - | SK | MB | - | - | - | - | NS | NF | - | - | - | - | - |

Genus HYMETTA McAtee

| | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|---|---|---|---|
| <i>H. balteata</i> McAtee | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - |
| <i>H. trifasciata</i> (Say) | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - | - | - | - |

Genus KYBOASCA Zachvatkin

| | | | | | | | | | | | | | | | | | | | |
|---|----|----|----|---|-----|-----|----|-----|-----|----|----|---|----|----|----|---|---|---|-----|
| <i>K. acodens</i> (DeLong) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>K. atrolabes</i> (Gillette) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | LB | - | - | - | - |
| <i>K. bipunctata</i> (Oshanin) | - | - | - | - | BC* | AB* | - | MB* | ON* | - | - | - | - | - | - | - | - | - | [O] |
| <i>K. confusa</i> (DeLong & Davidson) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>K. denticula</i> (Gillette) | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>K. maligna</i> (Walsh)
apple leafhopper; cicadelle du pommier | - | - | - | - | BC | AB | SK | - | ON | QC | NB | - | NS | - | - | - | - | - | [A] |
| <i>K. papyrifera</i> Hamilton | - | - | - | - | - | - | - | - | ON | - | - | - | NS | - | - | - | - | - | - |

| | | | | | | | | | | | | | | | |
|---------------------------------------|----|----|----|---|-----|----|----|---|----|----|----|----|----|----|---|
| <i>Kyboasca pergandei</i> (Gillette) | - | - | - | - | BC | - | - | - | ON | QC | NB | - | NS | - | - |
| <i>K. simplex</i> (DeLong & Davidson) | AK | YK | NT | - | BC | AB | SK | - | - | - | - | - | - | - | - |
| <i>K. splendida</i> (Gillette) | - | - | - | - | BC? | - | - | - | ON | QC | NB | - | NS | - | - |
| <i>K. trilobata</i> (DeLong) | - | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | NF | - |

Genus NOTUS Fieber

| | | | | | | | | | | | | | | | |
|-------------------------------------|----|----|----|---|---|---|---|----|----|----|---|---|---|---|-----|
| <i>N. alta</i> (DeLong & Caldwell) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
| <i>N. isolatus</i> Hamilton | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | [r] |
| <i>N. sitka</i> (DeLong & Caldwell) | AK | YK | NT | - | - | - | - | MB | - | - | - | - | - | - | - |

Genus OSSIANNILSSONOLA Christian

| | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|----|----|---|----|----|----|----|----|----|---|---|
| <i>O. antigone</i> (McAtee) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>O. appendiculata</i> (Malloch) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>O. australis</i> (Walsh) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>O. bangsoni</i> Christian | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>O. berenice</i> (McAtee) | - | - | - | - | - | - | - | - | ON | - | NB | - | - | - | - |
| <i>O. clymene</i> (McAtee) | - | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | - | - |
| <i>O. danae</i> (McAtee) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>O. duplicata</i> (McAtee) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>O. macateei</i> Christian | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>O. phryne</i> (McAtee) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>O. quadrata</i> (DeLong & Johnson) | - | - | - | - | - | - | - | - | ON | QC | - | PE | NS | - | - |
| <i>O. serrula</i> (Ross & DeLong) | - | - | - | - | - | - | - | - | ON | - | - | - | NS | - | - |
| <i>O. tunicarubra</i> (Gillette) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>O. ulmi</i> Hamilton | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |
| <i>O. volans</i> (McAtee) | - | - | - | - | BC | AB | - | - | ON | - | NB | PE | NS | - | - |

Genus RIBAUTIANA Diabola

| | | | | | | | | | | | | | | | |
|---|---|---|----|---|-----|---|----|----|-----|----|----|-----|-----|-----|-----|
| <i>R. foliosa</i> (Knull) | - | - | - | - | BC | - | - | MB | ON | - | NB | PE | NS | - | - |
| <i>R. multispinosa</i> Christian | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>R. parapiscator</i> Christian | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>R. piscator</i> (McAtee) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>R. tenerrima</i> (Herrich-Schaeffer) | - | - | - | - | BC* | - | - | - | - | - | - | - | - | - | [O] |
| bramble leafhopper; cicadelle des petits fruits | | | | | | | | | | | | | | | |
| <i>R. ulmi</i> (Linnaeus) | - | - | - | - | BC* | - | - | - | ON* | - | - | PE* | NS* | NF* | [A] |
| <i>R. unca</i> (McAtee) | - | - | NT | - | BC | - | SK | - | ON | QC | NB | - | NS | NF | - |

Genus TYPHLOCYBA Germar

| | | | | | | | | | | | | | | | |
|-----------------------------------|----|----|----|---|-----|----|---|----|-----|----|----|----|----|----|-----|
| <i>T. albicans</i> (Walsh) | - | - | - | - | - | - | - | - | ON | QC | - | PE | NS | NF | - |
| <i>T. alcorni</i> (Christian) | AK | YK | NT | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>T. andromache</i> McAtee | - | - | - | - | - | - | - | - | ON | - | NB | - | - | - | - |
| <i>T. apicata</i> McAtee | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>T. ariadne</i> McAtee | AK | YK | - | - | BC | - | - | - | ON | QC | NB | - | NS | NF | LB |
| <i>T. ariste</i> McAtee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>T. arsinoe</i> McAtee | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>T. athene</i> McAtee | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>T. avellanae</i> Edwards | - | - | - | - | BC* | - | - | - | - | - | - | - | - | - | [A] |
| <i>T. barbata</i> Ribaut | - | - | - | - | BC* | - | - | - | - | - | - | - | - | - | [O] |
| <i>T. bella</i> Hamilton | - | - | - | - | - | - | - | - | - | - | NB | PE | NS | - | - |
| <i>T. candidula</i> Kirschbaum | - | - | - | - | BC* | - | - | - | ON* | - | - | - | - | - | [O] |
| <i>T. cassiopeia</i> Knull | - | - | - | - | BC | AB | - | - | ON | - | - | - | - | - | - |
| <i>T. casta</i> McAtee | - | - | - | - | - | - | - | MB | ON | QC | - | PE | - | - | - |
| <i>T. commissuralis</i> Stål | AK | YK | NT | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>T. crassa</i> DeLong & Johnson | - | - | - | - | BC | - | - | - | ON | - | - | - | - | - | - |
| <i>T. dejecta</i> (Christian) | - | - | - | - | BC | - | - | - | ON | - | - | - | - | - | - |
| <i>T. dorsti</i> Ossiannilsson | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>T. euphrante</i> McAtee | - | - | NT | - | BC | AB | - | - | - | - | - | - | - | - | - |

[illegible]

male genitalia) remain unsatisfactory. The highly ornamented bodies of nymphs offer additional useful generic characters that are not yet explored. For the present, a conservative generic classification is recommended (e.g., *Ceresa sensu lato*).

There are over 100 estimated species in Canada as compared to the previous estimate of 79 species (Scudder 1979), but this may be higher than the actual number as many "species" of the genus *Cyrtolobus* may in fact be merely colour forms of a very few species.

Subfamily CENTROTINAE

Genus GARGARA Amyot & Serville

G. genistae Fabricius BC* . . . ON?

Subfamily MEMBRACINAE

Genus CAMPYLENCHIA Stål

C. latipes (Say) MB ON QC NB PE NS . .
C. rugosa (Fowler) BC AB SK MB

Genus ENCHENOPE Amyot & Serville

E. binotata (Say) MB ON QC . . NS . .
E. brevis Walker MB ON . . . NS? . .
E. porrecta Buckton MB ON

Genus LEIOSCYTA Fowler

L. ferruginipennis (Goding) AB SK

Genus PLATYCOTIS Stål

P. humilis (Walker) BC
P. lineosa (Walker) BC [r]

Subfamily SMILIINAE

Genus ACUTALIS Fairmaire

A. brunnea (Provancher) ON QC
A. tartarea (Say) ON

Genus ARCHASIA Stål

A. auriculata (Fitch) ON QC
A. bellifragei Stål ON QC

Genus ATYMNA Stål

A. castaneae (Fitch) (on)
A. helena (Woodruff) MB . . QC
A. inornata (Say) ON QC
A. querci (Fitch) ON QC

Genus CARYNOTA Fitch

C. marmorata (Say) MB ON QC NB PE NS . .
C. mera (Say) ON QC NB
C. stupida (Walker) SK MB ON QC NB . NS . .

Genus CERESA Amyot & Serville

C. albescens Van Duzee MB ON QC
C. albidosparsa Stål (bc)
C. alta Walker BC AB SK MB ON QC NB PE NS . .
 buffalo treehopper; olive-buff

| | | | | | | | | | | | | | | | |
|--------------------------------|---|---|----|---|----|----|----|----|------|----|----|----|----|---|-----|
| <i>Ceresa basalis</i> Walker | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - |
| <i>C. borealis</i> Fairmaire | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>C. brevicornis</i> Fitch | - | - | - | - | - | AB | SK | MB | ON | QC | - | - | - | - | - |
| <i>C. brevis</i> Walker | - | - | - | - | - | AB | - | - | - | QC | - | - | - | - | - |
| <i>C. brevitylus</i> Van Duzee | - | - | - | - | - | - | - | MB | - | QC | - | - | - | - | - |
| <i>C. constans</i> (Walker) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>C. diceros</i> (Say) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - |
| <i>C. festina</i> (Say) | - | - | - | - | BC | - | - | - | {ON} | - | - | - | - | - | [r] |
| <i>C. inermis</i> (Fabricius) | - | - | - | - | - | AB | SK | MB | ON | QC | - | - | - | - | - |
| <i>C. palmeri</i> Van Duzee | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>C. taurina</i> (Harris) | - | - | - | - | - | - | - | MB | ON | QC | - | - | NS | - | - |
| <i>C. wickhami</i> Van Duzee | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - |

Genus CYRTOLOBUS Goding

| | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|----|-----|----|---|---|---|---|---|
| <i>C. cinctus</i> Van Duzee | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - |
| <i>C. cinereus</i> (Emmons) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>C. discoidalis</i> (Emmons) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>C. dixianus</i> Woodruff | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>C. fenestratus</i> (Fitch) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>C. fuliginosus</i> (Emmons) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>C. funkhouseri</i> Woodruff | - | - | - | - | - | - | - | - | ON? | - | - | - | - | - | - |
| <i>C. fuscipennis</i> Van Duzee | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>C. gramatanus</i> Woodruff | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>C. graciosus</i> Woodruff | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>C. griseus</i> Van Duzee | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |
| <i>C. intermedius</i> (Emmons) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>C. maculifrons</i> (Emmons) | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |
| <i>C. muticus</i> (Fabricius) | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |
| <i>C. ovatus</i> Van Duzee | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>C. pallidifrons</i> (Emmons) | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |
| <i>C. puritanus</i> Woodruff | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>C. rufulus</i> Woodruff | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>C. tuberosus</i> (Fairmaire) | - | - | - | - | - | - | - | MB | ON | - | - | - | - | - | - |
| <i>C. tumidus</i> (Walker) | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>C. vau</i> (Say) | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |

Genus ENTYLIA Germar

| | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|----|----|---|----|----|---|---|
| <i>E. carinata</i> (Forster) | - | - | - | - | - | - | - | - | ON | QC | - | PE | NS | - | - |
|------------------------------|---|---|---|---|---|---|---|---|----|----|---|----|----|---|---|

Genus GLOSSONOTUS Butler

| | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|----|---|----|----|----|----|----|---|----|---|---|
| <i>G. acuminatus</i> (Fabricius) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>G. crataegi</i> (Fitch) | - | - | - | - | - | - | - | MB | ON | QC | - | - | NS | - | - |
| <i>G. nimbatulus</i> (Ball) | - | - | - | - | - | - | SK | MB | ON | QC | NB | - | - | - | - |
| <i>G. turriculatus</i> (Emmons) | - | - | - | - | - | - | - | MB | - | QC | - | - | - | - | - |
| <i>G. univittatus</i> (Harris) | - | - | - | - | BC | - | SK | MB | ON | QC | - | - | - | - | - |

Genus MICRUTALIS Fowler

| | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|-----|
| <i>M. calva</i> (Say) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
| <i>M. dorsalis</i> (Fitch) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |

Genus OPHIDERMA Fairmaire

| | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|----|----|----|---|----|---|---|
| <i>O. definita</i> Woodruff | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>O. evelyna</i> Woodruff | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>O. flava</i> Goding | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>O. flavicephala</i> Goding | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>O. pubescens</i> (Emmons) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>O. salamandra</i> Fairmaire | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - |

Membracidae

Genus PUBLILIA Stål

| | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|----|----|----|----|----|----|---|----|---|---|
| <i>P. brunnea</i> (Ball) | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - |
| <i>P. concava</i> (Say) | - | - | - | - | - | - | SK | MB | ON | QC | NB | - | NS | - | - |

Genus SMILIA Germar

| | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|
| <i>S. camelus</i> (Fabricius) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
|-------------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|

Genus STICTOCEPHALA Stål

| | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|----|----|---|----|----|---|---|---|---|---|
| <i>S. lutea</i> (Walker) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>S. pacifica</i> Van Duzee | - | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - |
| <i>S. tauriniformis</i> Caldwell | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |

Genus TELAMONA Fitch

| | | | | | | | | | | | | | | | |
|---------------------------------|---|---|----|---|----|------|----|----|----|----|----|---|----|---|-----|
| <i>T. ampelopsidis</i> (Harris) | - | - | - | - | - | - | - | MB | ON | QC | - | - | NS | - | - |
| <i>T. barbata</i> Van Duzee | - | - | - | - | - | {bc} | - | - | - | - | - | - | - | - | - |
| <i>T. compacta</i> Ball | - | - | - | - | - | - | - | - | - | - | - | - | NS | - | [r] |
| <i>T. concava</i> Fitch | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>T. cristata</i> (Fairmaire) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>T. decorata</i> Ball | - | - | - | - | - | AB | - | - | ON | QC | - | - | - | - | - |
| <i>T. dubiosa</i> Van Duzee | - | - | - | - | - | SK | - | - | ON | QC | - | - | - | - | - |
| <i>T. gemma</i> (Ball) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>T. maculata</i> Van Duzee | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | [r] |
| <i>T. molaris</i> Butler | - | - | - | - | - | SK | MB | ON | - | - | - | - | - | - | - |
| <i>T. monticola</i> (Fabricius) | - | - | - | - | - | SK | MB | ON | QC | - | - | - | - | - | - |
| <i>T. praealta</i> Fowler | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - |
| <i>T. pyramidata</i> Uhler | - | - | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - |
| <i>T. reclinata</i> Fitch | - | - | - | - | - | AB | - | - | ON | QC | - | - | - | - | - |
| <i>T. scalaris</i> (Fairmaire) | - | - | - | - | - | AB | SK | MB | ON | QC | NB | - | NS | - | - |
| <i>T. spreta</i> Goding | - | - | - | - | - | AB | SK | MB | ON | QC | - | - | - | - | - |
| <i>T. strombergi</i> (Goding) | - | - | - | - | - | - | - | - | ON | - | NB | - | - | - | - |
| <i>T. tiliae</i> Ball | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>T. tremulata</i> (Ball) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - |
| <i>T. tristis</i> (Fitch) | - | - | - | - | - | - | - | MB | ON | QC | NB | - | - | - | - |
| <i>T. unicolor</i> Fitch | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>T. viridia</i> Ball | - | - | - | - | - | AB | - | MB | - | QC | - | - | - | - | - |
| <i>T. westcotti</i> Goding | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |

Genus THELIA Amyot & Serville

| | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|----|----|----|---|---|---|---|---|
| <i>T. bimaculata</i> (Fabricius) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>T. uhleri</i> Stål | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |

Genus TORTISTYLUS Caldwell

| | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|
| <i>T. minutus</i> Caldwell | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - |
|----------------------------|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|

Genus VANDUZZEA Goding

| | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|----|----|----|---|---|---|----|---|---|
| <i>V. arquata</i> (Say) | - | - | - | - | - | - | - | - | ON | - | - | - | NS | - | - |
| <i>V. triguttata</i> (Burmeister) | - | - | - | - | - | - | SK | MB | - | - | - | - | - | - | - |

Subfamily STEGASPIDINAE

Genus MICROCENTRUS Stål

| | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|
| <i>M. caryae</i> (Fitch) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
|--------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|

Suborder Archaeorrhyncha

Planthoppers. Mouthparts arising from posterior part of head capsule; antenna short, bristle-like, arising below eyes on sharply defined sides of head; middle coxae separated, elongate; tarsi with 3 segments.

Superfamily Fulgoroidea

Keys to genera: Metcalf 1923, Dozier 1926 [both eastern North America].

Planthoppers, lanternflies; fulgorides. Planthoppers are mainly a tropical group with whole subfamilies exclusively tropical and subtropical. Family Delphacidae is the only family of economic importance in the temperate zone, while in the tropics it encompasses some of the most devastating pests of rice, sugar, taro and other (mainly graminaceous) crops. Their adults and nymphs feed actively above ground as do leafhoppers, but (unlike most leafhoppers) many delphacids, particularly in the tropics, are migratory and disperse widely (some subtropical species have been recorded well into Canada). Other Fulgoroidea have sessile nymphs that live in rotten wood or in pockets of waxy secretions on their hosts.

The superfamily has been variously separated into two families (Fulgoridae, Delphacidae) or many; their exact relationships, subfamilies and boundaries are still debatable. The families of Fulgoroidea presented here are those of Scudder (1979). Kinnaridae are considered a subfamily of Cixiidae, as they share tegmina with a stigma on the first apical cell. Caliscelidae are removed from Issidae on the basis of very different wing venation, and allied to the tropical Lophopidae by their swollen hind basal tarsal segments; they also have very different acoustic signals (Tishechkin 1998). Acanaloniidae are a subfamily of Issidae (Fennah 1954). Dictyopharidae and the tropical Tropiduchidae are closely related (Emeljanov 1979) and are united with Fulgoridae on the basis of their bicarinate pronotal margins. The familiar genera of "Dictyopharidae" in Canada, *Scolops* and *Phylloscelis*, both have nymphs with the characteristic chevron-shaped abdominal segments of the subfamily Orgeriinae. They are less closely allied to the tropical and subtropical Fulgorinae than are true Dictyopharinae (e.g. *Rhynchomitra*), which, like Fulgorinae, have the terminal segments of the nymphal abdomen divided by a recessed telson. Thus, "Dictyopharidae" are paraphyletic with respect to Fulgorinae.

There are 213 species in Canada, compared to the previous estimate of 192 species (Scudder 1979), but many undescribed species of Delphacidae will greatly increase this number. A rough estimate is 260 species.

Family ACHILIDAE

Genus CATONIA Uhler

| | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|-----|
| <i>C. lunata</i> Metcalf | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | [r] |
| <i>C. nava</i> (Say) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | |

Genus EPIPTERA Metcalf

| | | | | | | | | | | | | | | | | |
|--|---|----|----|-----|-----|----|----|----|----|----|----|---|---|---|---|----|
| <i>E. brittoni</i> Metcalf | - | - | - | - | BC | - | SK | MB | ON | QC | NB | - | - | - | - | |
| <i>E. confusa</i> Beirne | - | YK | - | - | BC | AB | SK | MB | - | QC | NB | - | - | - | - | LB |
| <i>E. floridae</i> (Walker) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | |
| <i>E. fusca</i> (Walker) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | |
| <i>E. fusiformis</i> (Van Duzee) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | |
| <i>E. henshawii</i> (Van Duzee) | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | |
| <i>E. manitobiana</i> Beirne | - | YK | - | - | BC | AB | SK | MB | - | QC | NB | - | - | - | - | |
| <i>E. opaca</i> (Say) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | |
| <i>E. pallida</i> (Say) | - | YK | NT | - | BC | AB | SK | MB | - | QC | - | - | - | - | - | LB |
| <i>E. septentrionalis</i> (Provancher) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | - | - | - | LB |
| <i>E. slossonae</i> (Van Duzee) | - | - | - | NT? | BC? | - | - | - | - | QC | - | - | - | - | - | |
| <i>E. variegata</i> (Van Duzee) | - | - | - | - | - | - | - | - | ON | QC | NB | - | - | - | - | |

Caliscelidae

Genus SYNECDOCHE Doering

| | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|----|---|---|---|----|----|---|---|----|---|---|---|---|---|---|
| <i>S. constellata</i> (Ball) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>S. dimidiata</i> (Van Duzee) | - | - | - | - | - | - | - | - | ON | - | - | - | NS | - | - | - | - | - | - |
| <i>S. grisea</i> (Van Duzee) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>S. impunctata</i> (Fitch) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>S. nemoralis</i> (Van Duzee) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Family CALISCCELIDAE

Genus APHELONEMA Uhler

| | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|----|----|----|---|---|---|---|---|---|---|---|---|---|
| <i>A. simplex</i> Uhler | - | - | - | - | - | - | SK | MB | ON | - | - | - | - | - | - | - | - | - | - |
|-------------------------|---|---|---|---|---|---|----|----|----|---|---|---|---|---|---|---|---|---|---|

Genus BRUCHOMORPHA Newman

| | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|----|----|----|----|----|----|---|----|---|---|---|---|---|---|---|
| <i>B. beameri</i> Doering | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>B. dorsata</i> Fitch | - | - | - | - | - | - | SK | MB | ON | - | - | - | - | - | - | - | - | - | - |
| <i>B. jocosa</i> Stål | - | - | - | - | - | - | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>B. keidensia</i> Doering | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>B. oculata</i> Newman | - | - | - | - | - | - | - | - | ON | QC | - | PE | - | - | - | - | - | - | - |
| <i>B. tristis</i> Stål | - | - | - | - | - | AB | SK | MB | ON | - | - | - | - | - | - | - | - | - | - |

Genus FITCHIELLA Van Duzee

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|
| <i>F. robertsoni</i> (Fitch) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | [r] |
|------------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|

Genus PELTONOTELLUS Puton

| | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|----|---|---|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|
| <i>P. bivittatus</i> Ball | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. histrionicus</i> Stål | - | YK | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - | - | - | - | - |
| <i>P. rugosus</i> (Ball) | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |

Family CIXIIDAE

Genus CIXIUS Latreille

| | | | | | | | | | | | | | | | | | | | |
|-------------------------------|----|----|----|---|-----|----|----|----|----|----|----|----|----|----|---|---|---|----|-----|
| <i>C. apicalis</i> Metcalf | - | - | - | - | - | - | - | MB | ON | - | NB | - | - | - | - | - | - | - | - |
| <i>C. basalis</i> Van Duzee | - | - | - | - | - | - | SK | MB | ON | QC | NB | - | NS | - | - | - | - | - | - |
| <i>C. coelopium</i> Fitch | - | - | - | - | BC? | - | - | - | ON | QC | NB | - | - | - | - | - | - | - | - |
| <i>C. cultus</i> Ball | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. guttulatus</i> Walley | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>C. meridionalis</i> Beirne | - | YK | NT | - | BC | AB | SK | MB | - | QC | - | - | - | - | - | - | - | LB | - |
| <i>C. misellus</i> Van Duzee | - | - | - | - | BC | AB | - | MB | ON | QC | NB | - | NS | NF | - | - | - | - | - |
| <i>C. narke</i> Kramer | - | - | - | - | BC? | - | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>C. nervosus</i> (Linnaeus) | AK | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. nke</i> Kramer | - | - | - | - | - | - | - | MB | ON | QC | NB | - | NS | - | - | - | - | - | - |
| <i>C. pni</i> Fitch | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>C. praecox</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. quebecensis</i> Beirne | - | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | - | - | - | - | - | - |
| <i>C. stigmatus</i> (Say) | - | - | - | - | - | AB | SK | - | ON | - | - | - | - | - | - | - | - | - | - |
| <i>C. umbrosus</i> Walley | - | - | - | - | BC | - | - | - | ON | - | - | - | - | - | - | - | - | - | - |

Genus MYNDUS Stål

| | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|----|---|----|----|----|---|---|---|---|---|---|---|---|
| <i>M. collinus</i> Ball | - | - | - | - | - | - | SK | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. fulvus</i> Osborn | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - |
| <i>M. glyphus</i> Kramer | - | - | - | - | - | - | - | - | - | QC | NB | - | - | - | - | - | - | - | - |
| <i>M. pictifrons</i> Stål | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - |
| <i>M. xyron</i> Kramer | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |

Genus OECLEUS Stål

| | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|----|---|---|----|---|---|---|---|---|---|-----|
| <i>O. borealis</i> Van Duzee | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | [r] |
| <i>O. obtusus</i> Ball | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | |
| <i>O. venosus</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |

Genus OECLIDIUS Van Duzee

| | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|
| <i>O. brickellus</i> Ball | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
|---------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|

Genus OLIARUS Stål

| | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|----|----|----|----|----|----|----|---|----|---|-----|
| <i>O. aridus</i> Ball | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | |
| <i>O. beirnei</i> Meade & Kramer | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | |
| <i>O. cinnamomeus</i> Provancher | - | - | - | - | - | - | - | ON | QC | NB | - | - | - | - | |
| <i>O. coconinus</i> Ball | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
| <i>O. dondonius</i> Ball | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | |
| <i>O. exoptatus</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | |
| <i>O. humilis</i> (Say) | - | - | - | - | - | - | SK | - | ON | QC | - | - | - | - | |
| <i>O. placitus</i> Van Duzee | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
| <i>O. quinquelineatus</i> (Say) | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | |
| <i>O. sablensis</i> Caldwell | - | - | - | - | - | - | - | - | ON | - | NB | - | - | - | |
| <i>O. zyxus</i> Caldwell | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |

Family DELPHACIDAE**Genus ACHROTILE** Fieber

| | | | | | | | | | | | | | | | |
|-----------------------------------|----|----|-----|---|----|----|----|---|---|----|---|---|---|---|----|
| <i>A. acuta</i> Scudder | - | YK | - | - | - | AB | SK | - | - | QC | - | - | - | - | |
| <i>A. distincta</i> Scudder | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | |
| <i>A. stylata</i> Scudder | - | YK | - | - | BC | AB | - | - | - | - | - | - | - | - | |
| <i>A. subarctica</i> Scudder | AK | YK | NT | - | BC | AB | - | - | - | - | - | - | - | - | LB |
| <i>A. transbaicalica</i> Kuznezov | - | - | NT? | - | - | - | - | - | - | - | - | - | - | - | |

Genus ASCHEDELPHAX Wilson

| | | | | | | | | | | | | | | | |
|-------------------------|---|----|---|---|----|----|----|---|---|---|---|---|---|---|--|
| <i>A. hochae</i> Wilson | - | YK | - | - | BC | AB | SK | - | - | - | - | - | - | - | |
|-------------------------|---|----|---|---|----|----|----|---|---|---|---|---|---|---|--|

Genus BAKERELLA Crawford

| | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|----|---|---|---|----|---|---|---|---|---|--|
| <i>B. muscotana</i> (Beamer) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | |
| <i>B. penefusca</i> (Beamer) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | |

Genus CRIOMORPHUS Curtis

| | | | | | | | | | | | | | | | |
|---------------------------------------|----|----|----|---|---|----|----|---|----|----|---|---|----|---|--|
| <i>C. conspicuus</i> Metcalf | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | |
| <i>C. inconspicuus</i> (Uhler) | - | YK | - | - | - | AB | SK | - | - | - | - | - | - | - | |
| <i>C. wilhelmi</i> Anufriev & Averkin | AK | YK | NT | - | - | - | - | - | - | - | - | - | - | - | |

Genus DELPHACODES Fieber

| | | | | | | | | | | | | | | | |
|----------------------------------|-----|----|----|---|----|----|----|----|----|----|----|----|----|----|-----|
| <i>D. albocarinata</i> (Stål) | - | YK | NT | - | - | - | - | MB | - | - | - | - | - | - | LB |
| <i>D. albostrata</i> (Fieber) | - | YK | - | - | BC | AB | SK | MB | - | - | - | - | - | - | |
| <i>D. analis</i> (Crawford) | - | YK | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | LB |
| <i>D. anufrievi</i> Wilson | - | YK | - | - | BC | - | SK | - | - | - | - | - | - | - | |
| <i>D. arcanistyla</i> (Beamer) | - | - | - | - | BC | - | - | - | ON | QC | - | - | - | NF | LB |
| <i>D. balli</i> Muir & Gifford | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
| <i>D. basivitta</i> (Van Duzee) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | |
| <i>D. campestris</i> (Van Duzee) | - | YK | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | [A] |
| <i>D. consimilis</i> (Van Duzee) | [r] | - | - | - | BC | AB | - | - | - | - | - | - | - | - | |
| <i>D. detecta</i> (Van Duzee) | - | - | - | - | - | - | - | - | - | - | - | PE | NS | - | |
| <i>D. emeljanovi</i> Wilson | - | YK | NT | - | BC | AB | - | - | - | - | - | - | - | - | |
| <i>D. foveata</i> (Van Duzee) | - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | |

| | | | | | | | | | | | | | | | | | |
|--|---|----|----|---|-----|----|----|----|----|----|---|---|---|-----|----|----|-----|
| <i>Delphacodes gillettei</i> (Van Duzee) | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - | - | - |
| <i>D. incurva</i> Beamer | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>D. indistincta</i> (Crawford) | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - | - | - |
| <i>D. kilmani</i> (Van Duzee) | - | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | - | NF | - | - |
| <i>D. kolophon</i> (Kirkaldy) | - | - | - | - | - | - | - | - | - | - | - | - | - | NS* | - | - | [r] |
| <i>D. lineatipes</i> (Van Duzee) | - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | NS | - | - | - |
| <i>D. litoralis</i> (Reuter) | - | YK | NT | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>D. lutulenta</i> (Van Duzee) | - | - | - | - | BC | AB | SK | - | ON | QC | - | - | - | NS | - | - | - |
| <i>D. lutulentoides</i> Beamer | - | - | - | - | BC | - | SK | - | - | - | - | - | - | - | - | - | - |
| <i>D. magna</i> (Crawford) | - | YK | - | - | BC | AB | - | - | - | QC | - | - | - | - | NF | - | - |
| <i>D. munda</i> Beamer | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>D. neocclusa</i> Muir & Gifford | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>D. nigridorsum</i> Crawford | - | YK | - | - | - | AB | SK | - | ON | QC | - | - | - | - | - | LB | [r] |
| <i>D. nigriscutellata</i> Beamer | - | - | - | - | - | AB | - | MB | ON | - | - | - | - | - | - | - | [r] |
| <i>D. occlusa</i> (Van Duzee) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>D. paransera</i> Beamer | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - | - | - |
| <i>D. parvula</i> Ball | - | - | - | - | - | - | - | MB | ON | - | - | - | - | - | - | - | - |
| <i>D. pedaforma</i> Beamer | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>D. propinqua</i> (Fieber) | - | - | - | - | BC* | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>D. puella</i> (Van Duzee) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
| <i>D. sagae</i> Beamer | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | [r] |
| <i>D. serrata</i> Beamer | - | YK | NT | - | - | AB | SK | MB | ON | - | - | - | - | - | - | - | - |
| <i>D. slossonae</i> Ball | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | [r] |
| <i>D. stramineosa</i> Beamer | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - | [r] |
| <i>D. stricklandi</i> (Metcalf) | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - | - | - |

Genus DICRANOTROPIS Fieber

| | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|-----|
| <i>D. incerta</i> (Van Duzee) | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - | [r] |
|-------------------------------|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|-----|

Genus EUIDES Fieber

| | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|----|---|----|----|----|----|---|---|---|---|---|---|---|
| <i>E. gerhardi</i> (Metcalf) | - | - | - | - | BC | - | SK | MB | ON | QC | - | - | - | - | - | - | - |
|------------------------------|---|---|---|---|----|---|----|----|----|----|---|---|---|---|---|---|---|

Genus EURYSA Fieber

| | | | | | | | | | | | | | | | | | |
|---------------------------------|---|----|---|---|----|----|----|---|---|---|---|---|---|---|---|---|---|
| <i>E. magnifrons</i> (Crawford) | - | YK | - | - | BC | AB | SK | - | - | - | - | - | - | - | - | - | - |
| <i>E. montana</i> Beamer | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>E. obesa</i> Beamer | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |

Genus JAVASELLA Fennah

| | | | | | | | | | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|----|----|----|---|----|----|----|-----|---|
| <i>J. atrata</i> (Osborn) | - | YK | - | - | - | AB | - | MB | ON | QC | - | - | - | - | - | - | - |
| <i>J. beringiaca</i> Emeljanov | - | YK | - | - | - | - | SK | MB | - | - | - | - | - | - | - | - | - |
| <i>J. discolor</i> (Boheman) | AK | YK | NT | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>J. dolera</i> (Spooner) | - | - | - | - | - | AB | - | - | ON | - | - | - | - | - | - | - | - |
| <i>J. lutulentella</i> (Muir & Gifford) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>J. obscurella</i> (Boheman) | - | YK | NT | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>J. opaca</i> (Beamer) | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - | - |
| <i>J. pellucida</i> (Fabricius) | AK | YK | NT | NU | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | LB | [A] | - |
| <i>J. similima</i> (Linnavuori) | - | YK | NT | - | - | - | - | MB | - | - | - | - | - | - | - | - | - |

Genus KELISIA Fieber

| | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|----|---|----|----|---|----|----|---|----|---|-----|
| <i>K. axialis</i> Van Duzee | - | - | - | - | - | - | - | - | ON | - | - | PE | NS | - | - | - | - |
| <i>K. flava</i> Beamer | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - |
| <i>K. hyalina</i> Beamer | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | [r] |
| <i>K. parvicurvata</i> Beamer | - | - | - | - | - | - | - | - | - | - | - | - | - | - | NF | - | - |
| <i>K. pectinata</i> Beamer | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
| <i>K. retrorsa</i> Beamer | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - |
| <i>K. spinosa</i> Beamer | - | - | - | - | - | - | - | - | ON | - | - | PE | - | - | - | - | - |
| <i>K. vesiculata</i> Beamer | - | - | - | - | - | - | SK | - | - | - | - | - | - | - | - | - | - |

Genus KUSNEZOVIELLA Vilbaste

K. macleani Wilson - YK NT - - - - - QC - - - - -

Genus LACCOCERA Van Duzee

L. canadensis Beime - - - - - AB SK - - - - -
L. flava Crawford - - - - - AB - - - - -
L. lineata Scudder - - - - - BC AB SK - - - - - [r]
L. obesa Van Duzee - - - - - AB SK - - - - -
L. oregonensis Penner - - - - - BC - - - - - [r]
L. vanduzeei Penner - - - - - BC - - - - -
L. vittipennis Van Duzee - - - - - BC AB SK MB ON QC - - - - -

Genus LIBURNIELLA Crawford

L. ornata (Stål) - - - - - BC* - - - - - ON - - - - -

Genus MEGAMELANUS Ball

M. bicolor Ball - - - - - - - MB? - - - - - [r]

Genus MEGAMELUS Fieber

M. aestus Metcalf - - - - - - - ON QC - - - - -
M. bifidus Beamer - - - - - - - ON - - - - - [r]
M. distinctus Metcalf - - - - - SK - ON QC NB PE NS NF -
M. flavus Crawford - YK NT - BC AB SK MB - - - - -
M. inflatus Metcalf - - - - - - - - - - - NS - - - [r]
M. metzaria Crawford - - - - - SK MB - QC NB PE NS -
M. recurvatus Beamer - - - - - MB ON - - - - - NF -
M. unicus Metcalf - YK - - BC AB SK MB ON QC NB - NS NF -

Genus MUELLERIANELLA Wagner

M. laminalis (Van Duzee) - - - - - - - ON QC - - - - -

Genus NOTHODELPHAX Fennah

N. eburneocarinata (Anutiev) AK YK NT - - - - -
N. glacia Wilson - YK - - - - - MB - - - - -
N. guentheri (Diabola) - YK? - - BC AB? SK? - - - - -
N. umbrata Emeljanov - YK - - - - - - - - - -

Genus PARKANA Beamer

P. alata Beamer - - - - - BC - - - - -

Genus PENTAGRAMMA Van Duzee

P. variegata Penner - - - - - BC - SK MB ON - - - - - NS - - -
P. vittatifrons (Uhler) - - - - - AB SK MB - - - - -

Genus PHYLLODINUS Van Duzee

P. nervatus Van Duzee - - - - - BC AB SK MB ON QC - - - - -

Genus PISSONOTUS Van Duzee

P. aphidioides Van Duzee - - - - - MB ON QC - PE? - - - - -
P. basalis Van Duzee - - - - - AB? - - ON QC NB - NS - - -
P. brunneus Van Duzee - - - - - AB? - - ON QC - - NS - - -
P. delicatus Van Duzee - - - - - BC AB SK - - - - -
P. dorsalis Van Duzee - - - - - - - ON QC NB PE NS NF -
P. flabellatus (Ball) - - - - - - - ON - - - - -
P. guttatus Spooner - - - - - SK - ON QC - - NS - - -
P. marginatus Van Duzee - - - - - - - ON QC - - - - -
P. niger Morgan & Beamer - - - - - MB - - - - -

| | | | | | | | | | | | | | | | |
|--------------------------------------|----|----|---|---|-----|-----|----|----|----|----|----|----|----|----|-----|
| <i>Pissonotus piceus</i> Van Duzee | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>P. rubrilatus</i> Morgan & Beamer | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>P. tumidus</i> Morgan & Beamer | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | - |
| Genus PROKELISIA Osborn | | | | | | | | | | | | | | | |
| <i>P. carolae</i> Wilson | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
| <i>P. crocea</i> (Van Duzee) | - | - | - | - | - | - | SK | MB | ON | QC | NB | PE | - | - | - |
| <i>P. dolus</i> Wilson | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - |
| <i>P. frontalis</i> (Crawford) | - | - | - | - | - | - | SK | - | - | - | - | - | - | - | - |
| <i>P. salina</i> (Ball) | - | - | - | - | BC | - | SK | MB | ON | - | - | - | - | - | - |
| Genus RIBAUTIDELPHAX Wagner | | | | | | | | | | | | | | | |
| <i>R. bidentata</i> Anufriev | - | - | - | - | - | - | - | - | ON | QC | - | - | - | NF | LB |
| <i>R. pusilla</i> Emeljanov | - | YK | - | - | BC | AB | SK | - | ON | QC | - | - | - | - | - |
| Genus STENOCRANUS Fieber | | | | | | | | | | | | | | | |
| <i>S. dorsalis</i> (Fitch) | - | - | - | - | - | AB? | - | - | ON | QC | - | - | - | - | - |
| <i>S. felti</i> Van Duzee | - | - | - | - | BC | AB | SK | MB | ON | QC | - | PE | - | - | - |
| <i>S. lautus</i> Van Duzee | - | - | - | - | BC? | - | - | - | ON | QC | - | - | - | - | - |
| <i>S. pallidus</i> Beamer | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | - | - | - |
| <i>S. sandersoni</i> Beamer | - | - | - | - | BC | - | SK | - | ON | QC | - | - | - | - | - |
| <i>S. unipunctatus</i> (Provancher) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| Genus STOBAERA Stål | | | | | | | | | | | | | | | |
| <i>S. tricarinata</i> (Say) | - | - | - | - | BC | - | - | - | ON | QC | - | - | - | - | - |
| Genus UNKANODES Fennah | | | | | | | | | | | | | | | |
| <i>U. excisa</i> (Melichar) | AK | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Genus YUKONODELPHAX Wilson | | | | | | | | | | | | | | | |
| <i>Y. kendallae</i> Wilson | - | YK | - | - | - | AB | - | - | - | - | - | - | - | - | - |

Family DERBIDAE

| | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|----|----|---|----|----|----|----|----|----|---|-----|
| Genus AMALOPOTA Van Duzee | | | | | | | | | | | | | | | |
| <i>A. uhleri</i> Van Duzee | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| Genus ANOTIA Kirby | | | | | | | | | | | | | | | |
| <i>A. burnetii</i> Fitch | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
| <i>A. kirkaldyi</i> Ball | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| Genus CEDUSA Fowler | | | | | | | | | | | | | | | |
| <i>C. hedusa</i> McAtee | - | - | - | - | - | - | - | - | ON | QC | NB | - | - | - | - |
| <i>C. incisa</i> (Metcalf) | - | - | - | - | - | - | - | MB | ON | QC | NB | - | - | - | - |
| <i>C. maculata</i> (Van Duzee) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>C. obscura</i> (Ball) | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |
| <i>C. vulgaris</i> (Fitch) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| Genus OTIOCERUS Kirby | | | | | | | | | | | | | | | |
| <i>O. coquebertii</i> Kirby | - | - | - | - | - | - | - | - | ON | QC | NB | PE | - | - | - |
| <i>O. degeerii</i> Kirby | - | - | - | - | BC | AB | - | - | ON | QC | - | - | NS | - | - |
| <i>O. kirbyii</i> Fitch | - | - | - | - | - | - | - | - | ON | - | - | - | NS | - | [r] |
| <i>O. signoretii</i> Fitch | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>O. wolfei</i> Kirby | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |

Genus PATARA Westwood*P. vanduzeei* Ball

- - - - - ON - - - - -

Family FLATIDAE**Genus METCALFA** Caldwell & Martorell*M. pruinosa* (Say)

- - - - - ON QC - - - - -

Family FULGORIDAE**Genus PHYLLOSCELIS** Germar*P. atra* Germar

- - - - - ON - - - - -

P. pallescens Germar

- - - - - ON - - - - -

Genus SCOLOPS Schaum*S. abnormis* Ball

- - - - BC - - - - -

S. angustatus Uhler

- - - - BC AB SK MB ON - - - - -

S. grossus Uhler

- - - - AB - - - - -

S. hesperius Uhler

- - - - AB SK MB - - - - -

S. pungens (Germar)

- - - - SK? MB? - - - - -

S. sulcipes (Say)

- - - - BC - SK MB ON QC NB - - - - -

Family ISSIDAE**Genus ACANALONIA** Spinola*A. bivittata* (Say)

- - - - - ON - - - - -

A. conica (Say)

- - - - - ON - - - - - (r)

Genus THIONIA Stål*T. bullata* (Say)

- - - - - ON - - - - -

Suborder Prosorrhyncha

Key to infraorders, families, subfamilies and some tribes: Schuh & Slater 1995 [world]

Key to genera: Slater & Baranowski 1978 [North America (most genera)].

Catalogue: Henry & Froeschner 1988 [Canada and Continental United States].

Regional guide: Larochelle 1983 [Québec].

Regional lists: Scudder 1997 [Yukon], Downes 1927, 1935, Scudder 1961, 1986 [British Columbia], Strickland 1953 [Alberta], Moore 1950 [Québec], Parshley 1923 [Nova Scotia], Lindberg 1958 [Newfoundland].

True bugs. Punaises. Prosorrhyncha is equivalent to Heteroptera plus Pelordidiidae (= Coleorrhyncha, a group not occurring in Canada or Alaska). Characterized by the forward position of the rostrum and (usually) closure of the head capsule behind it; antennae of 3-5 segments (flagellum with 1 to 3 segments, scape and pedicel often elongate, similar to flagellar segments); forewing usually with differentiated basal thickened and apical membranous area, folded flat and overlapping over the abdomen.

Infraorder Enicocephalomorpha

Revision: Wygodzinsky & Schmidt 1991 [New World].

Superfamily Enicocephaloidea

Family ENICOCEPHALIDAE

Unique-headed bugs. Small, frail predators, with head characteristically elongate with a marked transverse impression, the eyes situated laterally on the anterior lobe and the ocelli dorsal on the posterior lobe. Fore tibia flattened with distinct distal spines; fore tarsus opposable to apex of fore tibia. Pronotum with three apparent lobes. Forewing, when present, uniform in texture and not differentiated with distinct corium and membrane, claval commissure and costal fracture absent.

Most species fly readily and some perform prenuptial flight-dance in patches of sunlight. Most abundant in humid tropics and subtropics. Usually found in leaf litter or loose soil, in moss, rotting wood and under bark.

Subfamily ENICOCEPHALINAE

Genus SYSTELLODERES Blanchard

Key to species: Kritsky 1978 [North America].

S. biceps (Say)

- - - - - ON QC - - NS - -

Infraorder Dipsocomorpha

Superfamily Dipsocoidea

Family CERATOCOMBIDAE

Key to species: McAtee & Malloch 1925 [North America].

Ceratocombids. Very small, cryptic predatory bugs recognized by long slender antennae, two-segmented tarsi on all legs, and forewing with a short but distinct fracture at middle of costal margin. Usually found in leaf litter, at base of grass clumps, or in rotting wood.

Subfamily CERATOCOMBINAE

Tribe Ceratocombini

Genus CERATOCOMBUS Signoret

Key to species: McAtee & Malloch 1925 [New World].

C. vagans McAtee & Malloch

- - - - BC AB? - - ON QC - - - -

Infraorder Nepomorpha

Regional guide: Brooks & Kelton 1967 [prairie provinces].

Regional list: Scudder 1977 [B.C.], Chagnon & Fournier 1948 [Québec].

Superfamily Nepoidea

Family BELOSTOMATIDAE

Key to subfamilies and genera: Lauck & Menke 1961.

Giant water bugs (electric light bugs, toe biters). Flattened and elongate-oval in shape, uniform dull brown colour with short hidden antennae, greatly enlarged and raptorial forelegs, and with middle and hind legs adapted for swimming. Voracious aquatic predators, usually found in freshwater ponds, lakes and rivers. Although prey is smaller aquatic organisms such as immature insects and tadpoles, at times prey include fish, frogs and even small birds. Victims are subdued by powerful, hydrolytic enzymes injected via the short beak: the "bite" can produce a painful swelling in humans. In *Lethocerus*, egg masses are laid on emergent vegetation, but in *Belostoma*, they are laid on the backs of males. Adults regularly come to light at night.

Subfamily BELOSTOMATINAE

Genus BELOSTOMA Latreille

Key to species: Menke 1958 [North America].

B. flumineum Say

- - - - BC - - MB ON QC NB PE NS - -

Subfamily LETHOCERINAE

Genus LETHOCERUS Mayr

Key to species: Menke 1963.

(Subgenus BENACUS Stål)

L. griseus (Say)

- - - - - MB ON QC - - - - -

(Subgenus LETHOCERUS Mayr)

L. americanus (Leidy)

giant water bug; léthocère

- - - - BC AB SK MB ON QC NB PE NS NF -

L. uhleri (Montandon)

- - - - - ON - - - - -

Family NEPIDAE

Key to species: Sites & Polhemus 1994 [North America].

Water scorpions. Aquatic predators with characteristic elongate breathing tube extending from end of abdomen like a slender tail, and raptorial forelegs with elongate femur. Tarsi on all legs with single segment; middle and hind legs slender and not modified for swimming. Found in ponds and streams, usually clinging to sticks and weeds.

Subfamily NEPINAE

Tribe Nepini

Genus NEPA Linnaeus

N. apiculata Uhler

- - - - - MB ON QC - - - - -

Subfamily RANATRINAE

Genus RANATRA Fabricius

R. fusca Palisot

- - - - BC - - MB ON QC NB PE NS - -

R. kirkaldyi Torre Bueno

- - - - - ON - - - - - [r]

R. nigra Herrich-Schaeffer

- - - - - ON - - - - - [r]

Superfamily Ochteroidea

Family GELASTOCORIDAE

Key: Todd 1955.

Toad bugs. Ovoid, flattened, dull coloured, predaceous bugs with prominent, bulging eyes, concealed antennae, and raptorial forelegs. Usually found along margins of ponds, rivers and streams. Predominantly a northern hemisphere group.

Subfamily GELASTOCORINAE

Genus GELASTOCORIS Kirkaldy

G. oculatus (Fabricius)

- - - - BC - - MB ON - - - - -

Family OCHTERIDAE

Key to taxa: Schell 1943 [Western Hemisphere].

Velvety shore bugs. Small, oval, blackish bugs with velvety texture. Ocelli present, antennae relatively long, filiform and partially hidden in dorsal view; eyes sessile and legs cursorial. Predaceous and found in damp littoral habitats.

Genus OCHTERUS Latreille

O. americanus (Uhler) ON [r]

Superfamily Corixoidea

Family CORIXIDAE

Key to taxa: Hungerford 1948 [Western Hemisphere].

Water boatmen. Aquatic predators, living mostly in ponds and at the margins of lakes. Streamlined body has a broad head with large eyes, small and hidden antennae, and a short triangular "beak". Forelegs are scoop-like (palae), middle legs are long and slender with a single tarsal segment, and hind legs are flattened and oarlike, fringed with long hairs.

Subfamily CORIXINAE

Tribe Corixini

Genus ARCTOCORISA Wallengren

| | | | | | | | | | | | | | | | |
|-------------------------------|----|----|----|---|----|----|----|----|----|----|----|---|---|----|----|
| <i>A. chanceae</i> Hungerford | AK | YK | NT | - | - | - | - | MB | - | QC | - | - | - | NF | LB |
| <i>A. convexa</i> (Fieber) | - | - | NT | - | BC | AB | - | MB | - | QC | - | - | - | NF | LB |
| <i>A. planifrons</i> (Kirby) | AK | YK | NT | - | - | - | - | - | - | - | - | - | - | NF | LB |
| <i>A. subtilis</i> (Uhler) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | - | - | - |

Genus CALLICORISA White

| | | | | | | | | | | | | | | | |
|--|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|
| <i>C. alaskensis</i> Hungerford | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | LB |
| <i>C. audeni</i> Hungerford | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - |
| <i>C. producta noorvikensis</i> Hungerford | AK | YK | NT | - | - | - | - | MB | - | - | - | - | - | - | - |
| <i>C. scudder</i> Jansson | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>C. vulnerata</i> (Uhler) | AK | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |

Genus CENOCORISA Hungerford

Key to species: Jansson 1972.

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| <i>C. andersoni</i> Hungerford | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
| <i>C. bifida bifida</i> (Hungerford) | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - |
| <i>C. bifida hungerfordi</i> Lansbury | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>C. blaisdelli</i> (Hungerford) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
| <i>C. dakotensis</i> (Hungerford) | - | - | NT | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>C. expleta</i> (Uhler) | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>C. utahensis</i> (Hungerford) | - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | - |

Genus CORISELLA Lundblad

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|-----------------------------|---|---|---|---|----|----|----|----|----|---|---|---|---|---|-----|
| <i>C. decolor</i> (Uhler) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
| <i>C. inscripta</i> (Uhler) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
| <i>C. tarsalis</i> (Fieber) | - | - | - | - | - | AB | SK | MB | ON | - | - | - | - | - | - |

Genus HESPEROCORISA Kirkaldy

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|-----------------------------------|---|---|----|---|----|----|----|----|----|----|----|----|----|----|---|
| <i>H. atopodonta</i> (Hungerford) | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - |
| <i>H. harrisi</i> (Uhler) | - | - | - | - | - | - | - | - | ON | QC | - | PE | NS | - | - |

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| <i>Hesperocorixa interrupta</i> (Say) | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - |
| <i>H. kennicotti</i> (Uhler) | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - |
| <i>H. laevigata</i> (Uhler) | - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | - |
| <i>H. lucida</i> (Abbott) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>H. michiganensis</i> (Hungerford) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - |
| <i>H. minorella</i> (Hungerford) | - | - | NT | - | - | AB | - | MB | ON | QC | NB | - | NS | NF | - |
| <i>H. obliqua</i> (Hungerford) | AK | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>H. scabricula</i> (Walley) | - | - | - | - | - | - | SK | MB | ON | QC | NB | PE | - | - | - |
| <i>H. semilucida</i> (Walley) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>H. vulgaris</i> (Hungerford) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | - | - | - |

Genus PALMACORIXA Abbott

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| <i>P. buenoi</i> Abbott | - | - | - | - | - | AB | SK | MB | ON | QC | - | - | - | NF | - |
| <i>P. gillettei confluens</i> Walley | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>P. gillettei gillettei</i> Abbott | - | - | - | - | - | - | SK | MB | - | QC | - | - | - | - | - |
| <i>P. janeae</i> Brooks | - | - | - | - | - | - | SK | MB | - | - | - | - | - | - | - |
| <i>P. nana nana</i> Walley | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |

Genus RAMPHOCORIXA Abbott

| | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|
| <i>R. acuminata</i> (Uhler) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
|-----------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|

Genus SIGARA Fabricius

(Subgenus ALLOSIGARA Hungerford)

| | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|----|----|---|---|---|---|---|---|---|---|
| <i>S. decorata</i> (Abbott) | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - |
|-----------------------------|---|---|---|---|---|----|----|---|---|---|---|---|---|---|---|

(Subgenus ARCTOSIGARA Hungerford)

| | | | | | | | | | | | | | | | |
|------------------------------------|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|
| <i>S. bicoloripennis</i> (Walley) | AK | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - |
| <i>S. conocephala</i> (Hungerford) | - | - | NT | - | BC | AB | SK | MB | ON | QC | - | PE | NS | NF | - |
| <i>S. decoratella</i> (Hungerford) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | LB |
| <i>S. penniensis</i> (Hungerford) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | - | NF | LB |

(Subgenus LASIOSIGARA Hungerford)

| | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|----|---|---|----|----|----|----|----|----|---|----|----|----|
| <i>S. lineata</i> (Forster) | - | - | - | - | - | - | SK | MB | ON | QC | - | - | - | - | - |
| <i>S. trilineata</i> (Provancher) | - | - | NT | - | - | AB | SK | MB | ON | QC | NB | - | NS | NF | LB |

(Subgenus PHAEO SIGARA Hungerford)

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|---------------------------------------|---|---|---|---|----|---|---|----|----|----|----|----|----|----|----|
| <i>S. compressoidea</i> (Hungerford) | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | NF | - |
| <i>S. dolabra</i> Hungerford & Sailer | - | - | - | - | BC | - | - | - | ON | QC | - | - | NS | NF | - |
| <i>S. mackinacensis</i> (Hungerford) | - | - | - | - | - | - | - | - | ON | QC | NB | - | - | - | - |
| <i>S. macropala</i> Hungerford | - | - | - | - | - | - | - | - | - | - | - | - | - | NF | - |
| <i>S. quebecensis</i> (Walley) | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>S. signata</i> (Fieber) | - | - | - | - | - | - | - | MB | ON | QC | NB | PE | NS | NF | LB |
| <i>S. variabilis</i> (Hungerford) | - | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | - | - |

(Subgenus PILEOSIGARA Hungerford)

| | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|----|---|----|---|----|---|---|
| <i>S. douglasensis</i> (Hungerford) | - | - | - | - | - | - | - | - | ON | - | NB | - | NS | - | - |
|-------------------------------------|---|---|---|---|---|---|---|---|----|---|----|---|----|---|---|

(Subgenus SUBSIGARA Stichel)

| | | | | | | | | | | | | | | | |
|------------------------------------|----|----|----|---|---|----|----|----|---|---|---|---|---|---|---|
| <i>S. fallenoidea</i> (Hungerford) | AK | YK | NT | - | - | AB | SK | MB | - | - | - | - | - | - | - |
|------------------------------------|----|----|----|---|---|----|----|----|---|---|---|---|---|---|---|

(Subgenus VERMICORIXA Walton)

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|------------------------------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|---|
| <i>S. alternata</i> (Say) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - |
| <i>S. defecta</i> Hungerford | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>S. grossolineata</i> Hungerford | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | - | - | - |
| <i>S. hubbelli</i> (Hungerford) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>S. johnstoni</i> Hungerford | - | - | - | - | - | - | - | - | ON | QC | NB | - | - | - | - |
| <i>S. knighti</i> Hungerford | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - |
| <i>S. mathesoni</i> Hungerford | - | - | - | - | - | AB | SK | MB | ON | - | NB | - | NS | NF | - |
| <i>S. modesta</i> (Abbott) | - | - | - | - | BC | - | - | - | ON | - | - | - | - | - | - |

[r]

Sigara mullettensis (Hungerford)
S. omani (Hungerford)
S. solensis (Hungerford)
S. transfigurata (Walley)
S. washingtonensis Hungerford
(Subgenus XENC SIGARA Hungerford)
S. omata (Abbott)

- - - - BC - SK MB ON QC NB - - - -
- - - - BC - - - - - - - - - -
AK - - - BC AB SK MB ON QC NB PE - - - -
- - - - - - - - ON QC - - - - -
- - - - BC AB SK MB - - - - - - - -
- - - - - - - - ON QC NB - - - - -

Genus TRICHOCORIXA Kirkaldy

Key to species: Sailer 1948.

T. borealis Sailer
T. calva (Say)
T. kanza Sailer
T. louisianae Jaczewski
T. sexcincta (Champion)
T. verticalis californica Sailer
T. verticalis fenestrata Walley
T. verticalis interiores Sailer
T. verticalis verticalis (Fieber)

- - NT - - AB SK MB ON QC - - - - -
- - - - - - - ON - - - - -
- - - - - - - ON - - - - -
- - - - - - - - - - NS - -
- - - - - AB SK MB ON QC - PE NS NF -
- - - - BC - - - - - - - - [r]
- - - - - - - QC - - - NF -
- - - - - AB SK MB - - - - -
- - - - - - - - - - PE - - -

Tribe Glaenocorisini

Genus DASYCORIXA Hungerford

D. hybrida (Hungerford)
D. johanseni (Walley)
D. rawsoni Hungerford

- YK - - BC AB SK - - QC - - - - -
- - NT - BC AB SK MB - QC - - - - -
- - NT - BC AB SK MB - - - - -

Genus GLAENOCORISA Thomson

G. propinqua cavifrons (Thomson)
G. quadrata Walley

AK YK NT - - - - - QC - - - - LB
AK - NT - - - - - QC - - - - NF -

Subfamily CYMATINAE

Genus CYMATIA Flor

C. americana Hussey

AK YK NT - BC AB SK MB ON QC - - - - -

Superfamily Naucoroidea

Family NAUCORIDAE

Creeping water bugs. Oval, brownish aquatic predators with enlarged raptorial forelegs, middle and hind legs with two-segmented tarsi and long claws, and leathery forewings without veins in the membrane. These bugs lack ocelli and the single Canadian species occurs in ponds with abundant vegetation. Mainly a tropical family, often in rapidly flowing streams and rivers.

Subfamily NAUCORINAE

Genus PELOCORIS Stål

Key to species: La Rivers 1948 [USA].

P. femoratus (Palliot)

- - - - - - - ON - - - - - [r]

Superfamily Notonectoidea

Family NOTONECTIDAE

Key to genera: Hungerford 1933.

Backswimmers. Active predators in ponds, lakes and other aquatic habitats, characteristically swimming and resting upside-down under water. Forelegs raptorial and not scoop like, rostrum: short but distinctly segmented, and hind legs flattened and oarlike, fringed with long hairs for swimming.

Subfamily ANISOPINAE

Genus **BUENOA** Kirkaldy

Key to species: Truxal 1953.

| | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|----|----|----|----|----|----|---|----|----|---|---|
| <i>B. confusa</i> Truxal | - | - | - | - | BC | AB | SK | MB | ON | QC | - | PE | NS | - | - |
| <i>B. limnocastoris</i> Hungerford | - | - | - | - | - | - | - | - | ON | QC | - | PE | NS | - | - |
| <i>B. macrotibialis</i> Hungerford | - | - | - | - | BC | - | SK | MB | ON | QC | - | - | NS | - | - |
| <i>B. margaritacea</i> Torre Bueno | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |

Subfamily NOTONECTINAE

Tribe Notonectini

Genus **NOTONECTA** Linnaeus

Key to species: Hungerford 1933.

(Subgenus NOTONECTA Linnaeus)

| | | | | | | | | | | | | | | | |
|---------------------------|---|---|----|---|----|----|----|----|----|----|----|----|----|----|---|
| <i>N. borealis</i> Hussey | - | - | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | NF | - |
| <i>N. irrorata</i> Uhler | - | - | - | - | - | - | SK | MB | ON | QC | NB | PE | NS | - | - |

(Subgenus PARANECTA Hutchinson)

| | | | | | | | | | | | | | | | |
|--|---|----|----|---|----|----|----|----|----|----|----|----|----|----|-----|
| <i>N. insulata</i> Kirby | - | - | - | - | - | - | - | MB | ON | QC | NB | PE | NS | NF | - |
| <i>N. kirbyi</i> Hungerford | - | YK | NT | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>N. lunata</i> Hungerford | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | - | - | - |
| <i>N. spinosa</i> Hungerford | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
| <i>N. undulata</i> Say | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - |
| <i>N. unifasciata andersoni</i> Hungerford | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |

Family PLEIDAE

Key to species: Drake & Chapman 1953 [western hemisphere].

Pygmy Backswimmers. Aquatic predators, small, with strongly convex body form, coleopteriform hemelytra, and hind legs with long hairs for swimming. They swim upside down, inhabiting weedy ponds.

Genus **NEOPLEA** Esaki & China

| | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|----|----|----|---|---|---|---|---|
| <i>N. striola</i> (Fieber) | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |
|----------------------------|---|---|---|---|---|---|---|----|----|----|---|---|---|---|---|

Infraorder Gerromorpha

Keys to families, subfamilies, tribes and genera: Andersen 1982.

Regional guides: Brooks & Kelton 1967 (Prairie Provinces), Chagnon & Fournier 1948 (Québec).

Regional list: Scudder 1977 (British Columbia).

Superfamily Mesovelioidea

Family MESOVELIIDAE

Water treaders. Predators and scavengers on water surface or floating vegetation. Body greenish, without dense velvety pile; often apterous. Head porrect, longer than wide, with ocelli present in winged forms; eyes not kidney-shaped; venter of head without rostral groove; labium three-segmented. Mesonotum exposed. Membrane of hemelytra, when present, without cells or veins. Coxae of hind legs not fused to thorax; tibiae with stiff black spines; tarsi three-segmented with apical claws.

Subfamily MESOVELIINAE

Genus MESOVELIA Mulsant & Rey

| | | | | | | | | | | | | | | | | |
|--------------------------|---|---|----|---|----|----|----|----|----|----|----|---|----|----|---|-----|
| <i>M. amoena</i> Uhler | - | - | - | - | - | - | - | - | - | QC | NB | - | - | - | - | [r] |
| <i>M. mulsanti</i> White | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | - | |

Superfamily Hebroidea

Family HEBRIDAE

Velvet water bugs. Small and inconspicuous predators and scavengers in semi-aquatic habitats, occurring either in moist detritus near shore or among floating aquatic plants. Body with thick velvety pile; often apterous. Head with ocelli; antennae four- or five-segmented; venter of head with prominent buccula, a deep rostral groove continued onto thoracic venter; labium four-segmented. Pronotum large, but small scutellum visible. Hemelytra, when present, lacking cuneus and veins to membrane. Coxae of hind legs cylindrical and not fused to thorax; tibiae without stiff black spines; tarsi two-segmented with apical claws.

Subfamily HEBRINAE

Genus HEBRUS Curtis

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|----|---|-----|----|---|---|----|---|---|--|
| <i>H. buenoi</i> Drake & Harris | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | |
| <i>H. burmeisteri</i> Lethierry & Severin | - | - | - | - | - | - | SK | - | ON | QC | - | - | NS | - | - | |
| <i>H. concinnus</i> Uhler | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | |
| <i>H. sobrinus</i> Uhler | - | - | - | - | - | - | - | - | ON? | - | - | - | - | - | - | |

Genus MERRAGATA White

| | | | | | | | | | | | | | | | | |
|---------------------------|---|---|----|---|----|----|----|----|----|----|---|---|---|---|---|--|
| <i>M. brunnea</i> Drake | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | |
| <i>M. hebroides</i> White | - | - | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - | |

Superfamily Hydrometroidea

Family HYDROMETRIDAE

Key to species: Hunderford & Evans 1934 [world].

Marsh treaders. Predators and scavengers along margins or on emergent or floating vegetation of still or slowly moving water. Elongate and stick-like, with long antennae and long thread-like legs with terminal claws. Head very elongate with eyes located midway along length; head longer than thorax. Usually apterous, but when winged, membrane with three closed cells.

Subfamily HYDROMETRINAE

Genus **HYDROMETRA** Latreille

H. martini Kirkaldy

- - - - BC - - MB ON QC - - NS - -

Superfamily Gerroidea

Family VELIIDAE

Key to genera and species: Smith & Polhemus 1978 [North America].

Small water striders. Active predators on the water surface, in either still or running water. Short-bodied and often apterous. Head dorsally with distinct median impression, and with a pair of deep pits near posterior angle of eyes; ocelli absent. Pronotum large and obscuring meso- and metanotum; scent gland openings with laterally extended channels. Forewings when present with fewer than six closed cells. Legs with subapical claws; fore tibiae of male usually with grasping comb of short spines along inner margin; fore tarsi either one- or three-segmented; middle tarsi two- or three-segmented; hind femora shorter than middle femora.

Subfamily MICROVELIINAE

Tribe Microvelliini

Genus **MICROVELIA** Westwood

Key to species: Smith 1980 [North America].

(Subgenus **KIRKALDYA** Torre-Bueno)

M. americana (Uhler)

- - - - - ON QC NB PE NS - -

(Subgenus **MICROVELIA** Westwood)

M. albonotata Champion

- - - - - NB - - - - [r]

M. buenoi Drake

AK YK NT - BC AB SK MB ON QC NB PE NS NF -

M. hinei Drake

- - - - - ON - - - NS - - [r]

M. pulchella Westwood

AK - - - BC AB - MB ON QC NB - NS NF -

Subfamily RHAGOVELIINAE

Genus **RHAGOVELIA** Mayr

Key to species: Bacon 1956 [Western Hemisphere], Smith & Polhemus 1978 [North America].

(Subgenus **RHAGOVELIA** Mayr)

R. obesa Uhler

- - - - - MB ON QC NB - NS - -

Subfamily VELIINAE

Genus STEINOVELIA Polhemus & Polhemus

S. stagnalis (Burmeister)

- - - - - ON - - - - -

Family GERRIDAE

Key to species: Scudder 1971 [adults, British Columbia], Scudder & Jamieson 1972, Spence & Scudder 1978 [immatures, British Columbia], Cheng & Fernando 1970 [Ontario].

Water striders. Active predators on the surface of lakes, ponds, rivers, streams, temporary puddles and the open ocean. Body elongate with venter clothed with dense silvery pubescence. Head shorter than thorax, without distinct median impression; ocelli absent. Thorax without scutellum; venter of metathorax with median scent gland opening or omphalium. Often apterous, but when forewings present with never more than four cells. Legs with claws subterminal, and tarsi two-segmented; fore tibiae of male without grasping comb; hind femora usually more slender than middle femora, and extending beyond end of abdomen.

Subfamily GERRINAE

Tribe Gerrini

Genus AQUARIUS Schellenberg

Key to species: Andersen 1990.

A. conformis (Uhler)

- - - - - QC - - NS - -

A. nyctalis (Drake & Hottes)

- - - - BC AB SK - - QC - - NF -

A. remigis (Say)

- - - - BC AB SK MB ON QC NB PE NS NF -

Genus GERRIS Fabricius

Key to species: Drake & Harris 1934 [Western Hemisphere].

G. alacris Hussey

- - - - - ON - - - - - [r]

G. argenticollis Parshley

- - - - - ON QC - - - - -

G. buenoi Kirkaldy

AK YK NT - BC AB SK MB ON QC NB PE NS NF LB

G. comatus Drake & Hottes

- - - - BC AB SK MB ON QC NB PE NS NF -

G. gillettei Lethierry & Severin

- - - - BC? - - - - -

G. incognitus Drake & Hottes

- - - - BC AB SK MB ON QC - - NS - LB

G. incurvatus Drake & Hottes

- - - - BC - - - - -

G. insperatus Drake & Hottes

- - - - - ON QC NB PE NS - -

G. marginatus Say

- - - - - MB ON QC - - NS - -

G. pingreensis Drake & Hottes

AK YK NT - BC AB SK MB ON QC - - - - LB

Genus LIMNOPORUS Stål

Key to species: Andersen & Spence 1992 [Holarctic].

L. canaliculatus (Say)

- - - - - ON - - - - - [r]

L. dissortis (Drake & Harris)

- - NT - BC AB SK MB ON QC - PE NS NF LB

L. notabilis (Drake & Harris)

- - - - BC AB - - - - -

L. rufoscutellatus (Latreille)

AK YK NT - - - - -

Subfamily RHAGODOTARSINAE

Genus RHEUMATOBATES Bergroth

Key to species: Hungerford 1954.

R. palosi Blatchley

- - - - - SK MB - - - - -

R. rileyi Bergroth

- - - - - ON QC - - - - -

Subfamily TREPOBATINAE

Genus METROBATES Uhler

Key to species: Anderson 1932.

M. hesperius Uhler

- - - - - MB ON QC NB - - - -

Genus TREPOBATES Uhler

Key to species: Kittle 1977.

T. inermis Esaki

- - - - - ON - - - - - [r]

T. pictus (Herrich-Schaeffer)

- - - - - ON - - - - - [r]

T. subnitidus Esaki

- - - - - ON - - - - - [r]

Infraorder Leptopodomorpha

Catalogue of world species: Schuh *et al.* 1987.

Superfamily Saldoidea

Family SALDIDAE

Key to genera and species: Brooks & Kelton 1967 [prairie provinces].

Shore bugs. Active predators, usually living in damp areas or near water. Oval, blackish in colour, with large eyes, 3-segmented rostrum, and with 4 or 5 closed cells in membrane of forewing.

Subfamily CHILOXANTHINAE

Genus CHILOXANTHUS Reuter

C. arcticus (Sahlberg)

AK - NT - - - - - - - - -

C. stellatus (Curtis)

AK YK NT NU - - - MB - - - - -

Genus PENTACORA Reuter

P. hirta (Say)

- - - - - - - QC NB PE - - -

P. ligata (Say)

- - - - - MB ON QC - - NS NF -

P. signoreti (Guérin-Ménéville)

- - - - - SK MB - - - - -

P. sphacelata (Uhler)

- - - - - - - QC NB PE NS NF -

Subfamily SALDINAE

Key to genera: Polhemus 1985 [New World].

Tribe Saldini

Genus LAMPRACANTHIA Reuter

L. crassicornis (Uhler)

AK - - - BC AB SK MB ON QC - - - NF -

Genus SALDA Fabricius

S. anthracina Uhler

AK YK NT - BC - - - - - - -

S. buenoi (McDunnough)

- YK - - BC AB SK MB ON - - - NF LB

S. littoralis (Linnaeus)

AK YK NT NU - - - MB ON QC - - - NF LB

S. lugubris (Say)

- YK NT - BC AB SK MB ON QC - PE - NF -

S. obscura Provancher

AK YK NT - BC AB SK MB ON QC - - - NF -

S. provancheri Kelton & Lattin

AK YK NT - BC AB SK MB ON QC NB PE NS NF -

Genus TELOLEUCA Reuter*T. bifasciata* (Thomson)

AK YK - - BC AB - - ON QC - - - -

T. pellucens (Fabricius)

AK YK NT - BC AB SK MB ON QC - - - NF LB

Tribe Saldoidini**Genus CALACANTHIA** Reuter*C. trybomi* (Sahlberg)

AK YK NT NU - - - MB - - - -

Genus IOSCYTUS Reuter

Key to species: McKinnon & Polhemus 1986.

I. politus politus (Uhler)

- - - - BC - - - - - - [r]

Genus MACROSALDULA Leston & Southwood*M. monae* (Drake)

AK YK - - - - - - - -

Genus MICRACANTHIA Reuter*M. bergrothi* (Jakovlev)

- YK NT - BC AB SK MB ON QC - PE - NF -

M. fennica (Reuter)

AK YK - - BC AB SK - - - - - -

M. humilis (Say)

- - NT - BC AB SK MB ON QC - PE - NF -

M. quadrimaculata (Champion)

- YK - - BC - - - - - - - -

Genus SALDULA Van Duzee*S. ablusa* Drake & Hottes

- - - - - - - ON - - - -

S. andrei andrei Drake

- - - - BC - - - - - - - -

S. andrei azteca Drake & Hottes

- - - - BC AB - - - - - - - -

S. balli Drake

- - - - BC - - - - - - - -

S. bouchervillei (Provancher)

AK - - - BC AB SK MB ON QC - PE - NF -

S. comatula Parshley

- - - - BC AB SK - - - - - - - -

S. confluenta (Say)

- - - - - - - MB ON QC - PE - - -

S. dispersa (Uhler)

- - - - BC - - - - - - - -

S. explanata (Uhler)

- - - - BC AB SK MB - - - - - -

S. laticollis (Reuter)

AK - - - BC AB SK MB - - - - NF -

S. nigrita Parshley

- YK - - BC AB SK MB - QC - - NS NF -

S. opacula (Zetterstedt)

AK YK NT - BC AB SK MB ON QC - - NF -

S. opiparia Drake & Hottes

- - NT - BC AB SK MB ON? - - PE - - -

S. orbiculata (Uhler)

- - - - - AB - MB ON QC - - NS NF -

S. pallipes dimidiata (Curtis)

- - - - BC - - - - - - - -

S. pallipes pallipes (Fabricius)

AK YK - - BC AB - MB ON QC - - NS NF -

S. palustris (Douglas)

- - - - BC AB SK - - - - - -

S. saltatoria (Linnaeus)

AK YK NT - BC AB SK MB ON QC NB - - NF -

Infraorder Cimicomorpha

Superfamily Cimicoidea

Family ANTHOCORIDAE

Key to genera: Poppius 1909 [world].

Key to genera and species: Kelton 1978 [Canada].

Minute pirate bugs. Mostly predators, occurring on flowers, conifers, deciduous trees and shrubs or under bark. Body rather flattened with somewhat pointed head with ocelli; antennae four-segmented; labium three-segmented, inserted anteriorly on head. Metathorax with distinct scent-gland openings laterally. Forewings, when present; with distinct costal fracture and cuneus. All abdominal terga with laterotergites; female lacking an apophysis on anterior margin of the abdominal sternum; male with asymmetrical genitalia, right paramere greatly reduced or absent. Reproduction involving either traumatic insemination with left paramere modified into an organ to penetrate body wall of female during copulation, or sperm injected into special copulatory tubes that facilitate ovarian fertilization.

Tribe Anthocorini

Genus ACOMPOCORIS Reuter

A. lepidus (Van Duzee)

- - - NU BC AB - - - - - - - -

A. pygmaeus (Fallén)

- - - - - ON* NB* PE* NS* - -

Genus ANTHOCORIS Fallén

A. antevolens White

AK YK NT - BC AB SK - ON QC - - NS NF -

A. confusus Reuter

- - - - BC* - - - ON* - - PE* NS* - -

A. dimorphicus Anderson & Kelton

- YK NT - - AB SK - ON - - - - -

A. musculus (Say)

AK YK NT - BC AB SK MB ON QC NB PE NS NF LB

A. nemoralis (Fabricius)

- - - - BC* - - - ON* - - - - -

A. tomentosus Péricart

AK YK NT - BC AB - MB - - - - -

A. whitei Reuter

- - - - BC - - - - - - - - [r]

Genus ELATOPHILUS Reuter

Key to species: Kelton 1976.

E. brimleyi Kelton

- - - - - ON - - - - -

E. inimicus (Drake & Harris)

- - - - - MB ON QC - - - - -

E. minutus Kelton

- - - - - AB SK MB ON QC - - - - -

E. pullus Kelton & Anderson

- YK - - - BC - - - - -

Genus MELANOCORIS Champion

Key to species: Lattin & Stanton 1993.

M. longirostris Kelton

- - - - - BC - - - - -

M. nigricornis Van Duzee

- - - - - BC - - - - -

Genus TEMNOSTETHUS Fieber

T. gracilis Horváth

- - - - - - - - - NS* - -

Genus TETRAPHLEPS Fieber

Key to species: Kelton 1966a.

T. abdulghani Ghauri

Note: not established

- - - - - BC* - - - - - NB* - NS* - - [b]

T. canadensis Provancher

AK YK - - BC AB SK MB ON QC NB PE NS NF -

T. feratis (Drake & Harris)

- YK - - BC AB - - - - - - - -

T. latipennis Van Duzee

- YK - - BC AB SK MB - - NB - NS NF -

T. pilosipes Kelton & Anderson

AK YK - - BC AB - MB - QC - - - NF -

T. raoi Ghauri

Note: not established

- - - - - - - - - NB* - NS* - - [b]

T. uniformis Parshley

- YK - - BC AB SK MB ON QC NB - NS NF -

Tribe Dufouriellini

Genus **BRACHYTELES** Fieber

B. parvicornis (Costa) - - - - - NS* - -

Genus **CARDIASTETHUS** Fieber

C. borealis Kelton - - - - BC - SK MB ON - - - NS - -

Genus **DUFOURIELLUS** Kirkaldy

D. ater (Dufour) - - - - BC - - - ON - - - - -

Tribe Oriini

Genus **MACROTRACHELIELLA** Champion

M. nigra Parshley - - - - BC - - MB ON QC NB - NS - -

Genus **ORIUS** Wolff

Key to species: Herring 1966 [Western Hemisphere], Kelton 1963 [North America].

O. diespeter Herring - YK - - BC AB - - - - - - -

O. insidiosus (Say) - - - - BC* - - MB ON QC - - - - -

O. minutus (Linnaeus) - - - - BC* - - - - - - -

O. tricolor (White) AK YK NT - BC AB SK MB ON QC NB PE NS NF -

Tribe Scolopini

Genus **CALLIODIS** Reuter

C. temnostethoides (Reuter) - - - - - ON QC NB PE NS - -

Genus **SCOLOPOSCELIS** Fieber

S. flavicornis Reuter - YK NT - BC AB SK MB ON QC NB - NS NF -

S. pulchella pulchella (Zetterstedt) - - - - - \$ - - - - -

Tribe Xylocorini

Genus **XYLOCORIS** Dufour

(Subgenus **PROXYLOCORIS** Carayon)

X. galactinus (Fieber) - - - - BC AB SK MB ON QC - - - - -

(Subgenus **XYLOCORIS** Dufour)

X. cursitans (Fallén) - - - - BC AB - - ON QC - - NS - -

X. hirtus Kelton - - - - - SK - ON QC - - - - -

X. umbrinus Van Duzee - - - - BC AB SK MB - - - - -

Family CIMICIDAE

Key to taxa: Usinger 1966 [world].

Bed bugs. Flattened, oval or rounded, brownish temporary ectoparasites of warm blooded vertebrates. After feeding, bed bugs typically retreat from the host. Apterous, with hemelytra in the form of small pads. Head without ocelli; antennae four-segmented; labium three-segmented, inserted anteriorly on head. Legs with three-segmented tarsi.

Subfamily CIMICINAE

Genus CIMEX Linnaeus

| | | | | | | | | | | | | | | | |
|--|---|---|---|---|----|----|----|----|----|----|---|----|----|----|---|
| <i>C. adjunctus</i> Barber | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | NF | - |
| <i>C. brevis</i> Usinger & Ueshima | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>C. latipennis</i> Usinger & Ueshima | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>C. lectularius</i> Linnaeus
bed bug; punaise des lits | - | - | - | - | BC | AB | SK | MB | ON | QC | - | PE | NS | NF | - |
| <i>C. pilosellus</i> (Horváth)
bat bug; punaise de la chauve-souris | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - |

Genus OECIACUS Stål

| | | | | | | | | | | | | | | | |
|--|---|---|---|---|----|----|---|----|----|----|---|---|----|---|---|
| <i>O. vicarius</i> Horváth
swallow bug; punaise de l'hirondelle | - | - | - | - | BC | AB | - | MB | ON | QC | - | - | NS | - | - |
|--|---|---|---|---|----|----|---|----|----|----|---|---|----|---|---|

Subfamily HAEMATOSIPHONINAE

Genus HESPEROCIMEX List

| | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|
| <i>H. coloradensis</i> List | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
|-----------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|

Family LASIOCHILIDAE

Key to genus and species: Kelton 1978 [Canada].

Lasiophilids. Small, generally ground-dwelling predators. Body rather flattened, the head with ocelli; antennae four-segmented, with terminal two segments thinner than first two segments and with long pilosities; labium three-segmented, inserted anteriorly on head. Metathorax with scent-gland canal curved posteriorly. Forewings with deep costal fracture; membrane with stub located anteriorly near corium-membrane boundary, with four or five free veins. Abdominal segments one and two only; terga three to eight forming simple plates; abdominal spiracle 1 absent. Male genitalia asymmetrical; left paramere more or less sickle-shaped, not grooved for receiving phallus. Reproduction not involving traumatic insemination.

Genus LASIOCHILUS Reuter

(Subgenus DILASIA Reuter)

| | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|
| <i>L. fuscus</i> (Reuter) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
|---------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|

Family LYCTOCORIDAE

Key to genus and species: Kelton 1967, 1978 [Canada].

Lyctocorids. Predatory on insects and mites in decaying vegetable matter, under bark, in birds' nests and rodent burrows, sometimes sucking blood of humans and domestic animals. Body rather flattened; head porrect with ocelli; antennae four-segmented, terminal two segments thinner than base of second segment; labium with first segment very short. Metathorax with scent-gland grooves present and ostiolar canal angular and bent anteriorly; mesosternum with longitudinal median groove. Forewing with distinct stub anteriorly near corium-membrane boundary, and with one a few free veins. All abdominal terga with laterotergites; female with internal apophysis on anterior margin of seventh abdominal sternum; male genitalia asymmetrical; left paramere not grooved for receiving phallus; apex of aedeagus in

form of acus. Reproduction involves traumatic insemination via puncture of intersegmental membrane between terga six and seven on right side of abdomen. Fertilization takes place in the vitellarium, with some embryonic development prior to oviposition.

Genus LYCTOCORIS Hahn

Key to species: Kelton 1967, 1978.

(Subgenus DOLICHOMERIUM Kirkaldy)

L. stalii (Reuter) - - - - BC - - MB - - - - -

(Subgenus LYCTOCORIS Hahn)

L. campestris (Fabricius) - - - - BC - - MB ON QC - - - - -

L. canadensis Kelton - - - - - - MB - QC - - - - -

L. okanaganus Kelton & Anderson - - - - BC - - - - - - - - [r]

L. rostratus Kelton & Anderson - - - - BC - - - - - - - - [r]

L. tuberosus Kelton & Anderson - - - - BC - - - - - - - -

Family NABIDAE

Key to taxa: Harris 1928 [North America].

Damsel bugs. Active predators. Mostly dull brownish, occurring on vegetation in both short- and long-winged forms. Some species shiny black and ground dwelling. Head with ocelli; antennae with prepedicellite of variable length between segments 1 and 2; labium four-segmented. Fore legs with a dense pad of hairs (fossula spongiosa) at distal end of tibia. Hemelytra with costal fracture present or absent; membrane with two or three elongate cells, and usually with emanating veins and a stub. Abdomen with three dorsal scent gland openings between terga 4/5, 5/6 and 6/7; male genitalia usually symmetrical.

Subfamily NABINAE

Tribe Nabini

Genus ANAPTUS Kerzhner

A. major (Costa) - - - - BC* - - - - -

Genus HOPLISTOSCELIS Reuter

H. heidemanni (Reuter) - - - - BC - - - - - [r]

Genus LASIOMERUS Reuter

L. annulatus (Reuter) - - - - - ON* QC* - - - - -

Genus HIMACERUS Wolff

H. apterus (Fabricius) - - - - - - - - NS* - - -

Genus NABICULA Kirby

Key to species: Larivière 1994a [Canada].

(Subgenus DOLICHONABIS Reuter)

N. americolimbata (Carayon) AK YK NT - BC AB SK MB ON QC NB PE NS NF LB

N. limbata (Dahlbom) - - - - - - - - - - NF* -

N. nigrovittata nearctica Kerzhner AK YK NT - BC AB SK MB ON QC NB PE NS NF LB

(Subgenus LIMNONABIS Kerzhner)

N. propinqua (Reuter) - - - - BC AB SK MB ON QC NB PE NS - -

(Subgenus NABICULA Kirby)

N. flavomarginata (Scholtz) AK YK NT - BC AB - - - QC NB PE NS NF LB

N. subcoleoprata Kirby - - - - BC AB SK MB ON QC NB PE NS - -

N. vanduzeei (Kirkaldy) - - - - BC AB SK - - - - - - -

Genus NABIS Latreille

(Subgenus NABIS Latreille)

N. roseipennis Reuter - - - - BC AB SK MB ON QC NB - NS - -
N. rufusculus Reuter - - - - BC AB SK MB ON QC NB PE NS NF -

(Subgenus REDUMOLUS Kirby)

N. alternatus alternatus Parshley - - - - BC AB - - - - - - - -
N. alternatus uniformis Harris - - - - BC - - - - - - - -
N. americanoferus Carayon - YK NT - BC AB SK MB ON QC NB PE NS NF -
N. inscriptus (Kirby) AK YK NT - BC AB - - - QC - - - NF -
N. kalmii Reuter - - - - - - - - - - - NS NF -

Genus OMANONABIS Asquith & Lattin

O. lovetti (Harris) - - - - BC - - - - - - - - [r]

Subfamily PROSTEMMATINAE**Tribe Prostematini****Genus PAGASA** Stål

(Subgenus LAMPROPAGASA Reuter)

P. fusca (Stein) - YK NT - BC AB SK MB ON QC - - NS NF LB

Superfamily Miroidea**Family MICROPHYSIDAE**

Microphysids. Minute predators, usually found associated with mosses and lichens growing on ground or on vegetation. Body oval or oblong and flattened. Macropterous forms with large ocelli on head; labium appearing three-segmented. Metapleura without either ostiolar groove or evaporatorium. Hemelytra with costal margin expanded; costal fracture and cuneus present; membrane with single closed cell, and with a distinct stub in postero-lateral angle; hemelytra often staphylinoid. Tarsi two-segmented. Male genitalia symmetrical; ovipositor lacinate.

Genus LORICULA Curtis

L. bipunctata (Perris) - - - - BC* - - - - - - - -
L. elegantula (Baerensprung) - - - - \$ - - - - - - - -
L. pselaphiformis Curtis - - - - - - - - - - - NS* - -

Genus MYRMEDOBIA Baerensprung

M. exilis (Fallén) - - - - - - - - - - - NF* -

Family MIRIDAE

Catalogue of species: Schuh 1993 [world].

Key to world subfamilies, tribes and genera: Carvalho 1955 [world].

Key to genera and species: Kelton 1980 [prairie provinces].

Plant bugs. Usually plant sucking, but with some species obligate or facultative predators. Body generally fragile, often cryptically coloured green or brown; sometimes bright red or black. Head with or without ocelli; antennae and labium both four-segmented. Metathorax usually with distinct auriculate scent gland evaporative area. Hemelytra usually with distinct costal fracture and cuneus; membrane with one or two closed cells. Trochanters two-segmented. Male parameres asymmetrical.

Subfamily BRYOCORINAE

Tribe Bryocorini

Genus MONALOCORIS Dahlborn

M. americanus Wagner & Slater

AK - - - BC AB SK MB ON QC NB PE NS NF LB

Tribe Dicyphini

Key to genera: Cassis 1984.

Genus CAMPYLONEURA Fieber

C. virgula (Herrich-Schaeffer)

- - - - BC* - - - - - - - - -

Genus DICYPHUS Fieber

Key to species: Cassis 1984.

D. discrepans Knight

AK YK - - BC AB SK MB ON QC NB - NS - -

D. famelicus (Uhler)

- - - - - - - ON QC NB - NS - -

D. hesperus Knight

- - - - BC AB SK MB ON QC NB - - - -

D. pallicornis (Fieber)

- - - - BC* - - - - - - - - -

D. vestitus Uhler

- - - - BC - - - - - - - - -

Genus MACROLOPHUS Fieber

Key to species: Knight 1926 [North America].

M. rivalis (Knight)

- - - - BC - - - - - - - - - [r]

M. separatus (Uhler)

- - - - - - - ON - - - - -

M. tenuicornis Blatchley

- - - - - - - ON QC NB PE NS - -

Genus TUPIOCORIS China & Carvalho

T. agilis (Uhler)

- - - - BC - - - - - - - - -

T. californicus (Stål)

- - - - BC - - - - - - - - - [r]

T. confusus (Kelton)

- YK - - BC AB - - - - - - - - -

T. elongatus (Van Duzee)

- - - - BC - - - - - - - - -

T. rubi (Knight)

- YK - - BC AB SK MB ON QC NB PE NS NF LB

T. similis (Kelton)

AK YK NT - BC AB SK - ON QC NB - NS NF LB

T. tibialis (Kelton)

- - - - BC AB - - - - - - - - -

T. tinctus (Knight)

- - - - BC - - - - - - - - -

Genus USINGERELLA China & Carvalho

U. bakeri (Knight)

- - - - BC - - - - - - - - -

Tribe Eccritotarsini

Genus SIXEONOTUS Reuter

S. insignis Reuter

- - - - - - - QC - - - - -

S. rostratus Knight

- - - - - AB SK - - - - -

Subfamily CYLAPINAE

Tribe Cylapini

Genus CYLAPUS Say

C. tenuicornis (Say)

- - - - - ON - - - - -

Genus FULVIUS Stål

Key to species: Kelton 1985 [Canada].

F. imbecilis (Say)

- - - - - AB - MB ON - - - - -

F. slateri Wheeler

- - - - - MB ON QC - PE - - - -

Subfamily DERAEOCORINAE

Tribe Clivinematini

Genus BOTHYNOTUS Fieber

B. pilosus (Boheman)

AK YK - - BC - - - - -

Genus CLIVINEMA Reuter

C. fuscum Downes

- - - - BC - - - - - [r]

C. mediale Knight

- - - - BC - - - - -

C. villosum Reuter

- - - - AB - - - - - [r]

Genus LARGIDEA Van Duzee

Key to species: Knight 1968b.

L. grossa Van Duzee

- - - - BC - - - - -

L. shoshonea Knight

- YK - - BC AB SK MB ON - NB - - - -

Tribe Deraeocorini

Genus DERAEOCAPSUS Knight

D. fraternus (Van Duzee)

- - - - BC - - - - -

Genus DERAEOCORIS Kirschbaum

Key to species: Knight 1921 [North America], Razafimahatratra 1981 [western].

D. albigulus Knight

- - - - BC AB SK MB ON QC NB - NS - -

D. alnicola Knight

- - - - - ON QC - - - - -

D. aphidiphagus Knight

- - - - AB SK MB ON QC NB PE NS - -

D. bakeri Knight

- - - - BC - - - - - [r]

D. barberi Knight

- - - - BC - - - - -

D. betulae Knight

- - - - - ON QC - - NS - -

D. borealis (Van Duzee)

- - - - - ON QC - - NS - -

D. brevis (Uhler)

AK YK NT - BC AB SK MB - - - - -

D. diveni Knight

- YK - - BC AB - - - - -

D. fasciolus castus Knight

- - - - - QC - - - - -

D. fasciolus fasciolus Knight

- - - - BC AB SK MB ON QC NB PE NS - -

D. fulgidus (Van Duzee)

- - - - BC - - - - - [r]

D. fulvescens (Reuter)

- - - - BC - - - - -

D. grandis (Uhler)

- - - - - ON QC - - - - -

D. histrio (Reuter)

- - - - AB SK MB ON QC - - - - -

D. incertus Knight

- - - - BC - - - - -

D. kennicotti Knight

- YK NT - BC AB SK MB ON QC NB - NS - -

D. laricicola Knight

- YK - - - SK MB ON QC NB - NS NF LB

D. mutatus Knight

- - - - BC - - - - -

D. nebulosus (Uhler)

- - - - - ON QC NB - NS NF -

D. nitenatus Knight

- - - - - SK MB ON QC - - - - -

| | | | | | | | | | | | | | | |
|-----------------------------------|----|----|----|---|----|----|----|----|----|----|----|----|----|---|
| <i>Deraeocoris nubilus</i> Knight | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | NF | - |
| <i>D. ornatus</i> Knight | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - |
| <i>D. piceicola</i> Knight | - | YK | - | - | BC | AB | - | - | - | - | - | - | - | - |
| <i>D. pinicola</i> Knight | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - |
| <i>D. poecilus</i> McAtee | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>D. punctulatus</i> (Fallén) | AK | YK | NT | - | BC | - | - | - | - | - | - | - | - | - |
| <i>D. quercicola</i> Knight | - | - | - | - | - | - | SK | MB | ON | QC | - | - | - | - |
| <i>D. rubripes</i> Kelton | - | - | - | - | - | - | - | MB | ON | QC | NB | PE | NS | - |
| <i>D. rubroclarus</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>D. sayi</i> (Reuter) | - | - | - | - | BC | - | - | MB | ON | - | - | - | - | - |
| <i>D. schwarzii</i> (Uhler) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>D. triannulipes</i> Knight | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - |
| <i>D. validus</i> (Reuter) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |

Genus EURYCHILOPTERELLA Reuter

| | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|----|---|---|----|---|---|----|----|---|-----|
| <i>E. luridula</i> Reuter | - | - | - | - | - | - | - | ON | - | - | PE | NS | - | - |
| <i>E. pacifica</i> Stonedahl | - | - | - | - | BC | - | - | - | - | - | - | - | - | [r] |

Genus HESPEROPHYLUM Reuter & Poppius

| | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| <i>H. heidemanni</i> Reuter & Poppius | - | - | - | - | - | - | - | - | - | - | - | NS | - | [r] |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|

Tribe Hyaliadini**Genus HYALIODES** Reuter

| | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|----|----|----|----|----|----|---|----|----|---|
| <i>H. harti</i> Knight | - | - | - | - | BC | AB | SK | MB | ON | QC | - | PE | NS | - |
| <i>H. vitripennis</i> (Say) | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - |

Tribe Surinamellini**Genus EUSTICTUS** Reuter

| | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|----|---|---|----|----|----|---|---|---|---|
| <i>E. necopinus</i> Knight | - | - | - | - | BC | - | - | MB | ON | QC | - | - | - | - |
|----------------------------|---|---|---|---|----|---|---|----|----|----|---|---|---|---|

Subfamily ISOMETOPINAE**Tribe Isometopini****Genus CORTICORIS** McAtee & Malloch

Key to species: Henry & Herring 1979.

| | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|----|---|---|---|---|---|-----|
| <i>C. signatus</i> (Heidemann) | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
|--------------------------------|---|---|---|---|---|---|---|----|---|---|---|---|---|-----|

Genus DIPHLEPS Bergoth

| | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|----|---|---|---|---|---|---|
| <i>D. unica</i> Bergoth | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
|-------------------------|---|---|---|---|---|---|---|----|---|---|---|---|---|---|

Genus MYIOMMA Puton

Key to species: Henry 1979.

| | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|----|----|---|---|---|---|-----|
| <i>M. cixiiforme</i> (Uhler) | - | - | - | - | - | - | - | ON | QC | - | - | - | - | [r] |
|------------------------------|---|---|---|---|---|---|---|----|----|---|---|---|---|-----|

Subfamily MIRINAE**Tribe Herdoniini****Genus PARADACERLA** Carvalho & Usinger

Key to species: Kelton & Knight 1959.

| | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|-----|
| <i>P. downesi</i> (Knight) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| <i>P. formicina</i> (Parshley) | - | - | - | - | BC | - | - | - | - | - | - | - | - | [r] |

Tribe Mirini

Genus ADELPHOCORIS Reuter

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|
| <i>A. lineolatus</i> (Goeze) | - | - | - | - | BC* | AB* | SK* | MB* | ON* | QC* | NB* | PE* | NS* | NF* | - | [A] |
| alfalfa plant bug; capsid de la luzerne | | | | | | | | | | | | | | | | |
| <i>A. rapidus</i> (Say) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - | [A] |
| rapid plant bug; capsid du bouleau | | | | | | | | | | | | | | | | |
| <i>A. superbis</i> (Uhler) | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - | [A] |
| superb plant bug; capsid des prés | | | | | | | | | | | | | | | | |

Genus AGNOCORIS Reuter

Key to species: Moore 1955, 1956.

| | | | | | | | | | | | | | | | | |
|---------------------------------|----|----|----|---|----|----|----|----|----|----|----|---|----|---|---|--|
| <i>A. pulverulentus</i> (Uhler) | AK | - | - | - | - | AB | SK | MB | ON | QC | NB | - | NS | - | - | |
| <i>A. rubicundus</i> (Fallén) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | - | - | - | |
| <i>A. utahensis</i> Moore | - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | - | |

Genus BOLTERIA Uhler

Key to species: Kelton 1972a.

| | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|--|
| <i>B. luteifrons</i> Knight | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | |
|-----------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|--|

Genus CAMPTOZYGUM Reuter

| | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|-----|-----|---|---|-----|---|---|--|
| <i>C. aequale</i> (Villers) | - | - | - | - | - | - | - | - | ON* | QC* | - | - | NS* | - | - | |
|-----------------------------|---|---|---|---|---|---|---|---|-----|-----|---|---|-----|---|---|--|

Genus CAPSUS Fabricius

Key to species: Vinokurov 1977.

| | | | | | | | | | | | | | | | | |
|------------------------------|----|----|----|---|-----|-----|----|----|-----|-----|-----|-----|-----|-----|---|-----|
| <i>C. ater</i> (Linnaeus) | - | - | - | - | BC* | AB* | - | - | ON* | QC* | NB* | PE* | NS* | NF* | - | [A] |
| <i>C. cinctus</i> (Kolenati) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - | [A] |

Genus CLOSTEROTOMUS Fieber

| | | | | | | | | | | | | | | | | |
|------------------------------------|----|----|----|---|-----|---|---|----|---|-----|-----|-----|-----|-----|---|-----|
| <i>C. fulvomaculatus</i> (DeGeer) | AK | YK | NT | - | BC | - | - | MB | - | - | - | - | - | - | - | |
| <i>C. norvegicus</i> (Gmelin) | - | - | - | - | BC* | - | - | - | - | QC* | NB* | PE* | NS* | NF* | - | [A] |
| strawberry bug; capsid du fraisier | | | | | | | | | | | | | | | | |

Genus COCCOBAPHES Uhler

| | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|--|
| <i>C. frontifer</i> (Walker) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | |
|------------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|--|

Genus DICHROSCYTUS Fieber

Key to species: Kelton 1972b.

| | | | | | | | | | | | | | | | | |
|--------------------------------|----|----|---|---|----|----|----|-----|----|----|----|----|----|----|---|-----|
| <i>D. alpinus</i> Kelton | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | |
| <i>D. convexifrons</i> Knight | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | |
| <i>D. elegans</i> Heidemann | - | - | - | - | - | - | SK | MB | ON | QC | NB | PE | NS | - | - | |
| <i>D. flagellatus</i> Kelton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>D. flavescens</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | |
| <i>D. irroratus</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | |
| <i>D. latifrons</i> Knight | AK | YK | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - | |
| <i>D. rainieri</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | |
| <i>D. repletus</i> (Heidemann) | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | - | - | - | |
| <i>D. rostratus</i> Kelton | - | YK | - | - | BC | AB | - | - | - | - | - | - | - | - | - | |
| <i>D. ruberellus</i> Knight | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - | |
| <i>D. rubidus</i> Kelton | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | |
| <i>D. rufipennis</i> (Fallén) | - | - | - | - | - | - | - | ON* | - | - | - | - | - | - | - | |
| <i>D. rufusculus</i> Kelton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>D. suspectus</i> Reuter | - | - | - | - | - | AB | SK | MB | ON | QC | NB | - | NS | - | - | |

Genus GARGANUS Stål

| | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|--|
| <i>G. fusiformis</i> (Say) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | |
|----------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|--|

Genus HENRYLYGUS Schwartz

Key to species: Schwartz & Foottit 1998.

| | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|----|----|---|---|---|----|---|---|---|---|---|---|---|
| <i>H. nubilus</i> (Van Duzee) | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>H. ultranubilus</i> (Knight) | - | - | - | - | BC | AB | - | - | - | QC | - | - | - | - | - | - | - |

Genus IRBISIA Reuter

Key to species: Schwartz 1984.

| | | | | | | | | | | | | | | | | | |
|-------------------------------------|----|---|---|---|----|----|----|---|---|----|---|---|---|---|---|---|-----|
| <i>I. brachycera</i> (Uhler) | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - | - | - |
| <i>I. elongata</i> Knight | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. fuscipubescens</i> Knight | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - | - | - |
| <i>I. knighti</i> Schwartz & Lattin | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>I. nigripes</i> Knight | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. pacifica</i> (Uhler) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. sericans</i> (Stål) | AK | - | - | - | BC | - | - | - | - | QC | - | - | - | - | - | - | [A] |
| <i>I. serrata</i> Bliven | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>I. shulli</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | [r] |

Genus LYGIDEA Reuter

| | | | | | | | | | | | | | | | | | |
|---|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|---|-----|
| <i>L. annexa</i> (Uhler) | AK | YK | NT | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>L. mendax</i> Reuter
apple red bug; lygide du pommier | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - | - | [A] |
| <i>L. obscura</i> Reuter | - | - | - | - | BC | - | - | - | ON | - | - | - | NS | - | - | - | - |
| <i>L. rosacea</i> Reuter | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | NF | - | - | - |
| <i>L. rubecula</i> (Uhler) | - | - | - | - | - | - | - | MB | ON | - | - | - | - | - | - | - | - |
| <i>L. salicis</i> Knight | - | - | - | - | - | AB | SK | MB | ON | QC | - | - | - | - | NF | - | - |
| <i>L. viburni</i> Knight | - | - | - | - | - | - | - | - | ON | QC | - | PE | NS | - | - | - | - |

Genus LYGOCORIS Reuter

Key to species: Kelton 1971b [Canada].

(Subgenus APOLYGUS China)

| | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|-----|---|---|---|---|---|---|---|
| <i>L. lucorum</i> (Meyer-Dür) | - | - | - | - | - | - | - | - | - | QC* | - | - | - | - | - | - | - |
|-------------------------------|---|---|---|---|---|---|---|---|---|-----|---|---|---|---|---|---|---|

(Subgenus LYGOCORIS Reuter)

| | | | | | | | | | | | | | | | | | |
|--------------------------------|----|----|----|---|----|----|----|----|----|----|----|---|----|----|----|---|---|
| <i>L. pabulinus</i> (Linnaeus) | AK | YK | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | - | - | - |
| <i>L. rugicollis</i> (Fallén) | AK | YK | NT | - | BC | AB | - | MB | - | - | - | - | - | NF | LB | - | - |

(Subgenus NEOLYGUS Knight)

| | | | | | | | | | | | | | | | | | |
|--|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|---|-----|
| <i>L. alni</i> (Knight) | - | - | - | - | BC | - | - | - | ON | QC | - | - | NS | - | - | - | - |
| <i>L. atricallus</i> Kelton | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
| <i>L. atritylus</i> (Knight) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - | - | - |
| <i>L. belfragii</i> (Reuter) | - | - | - | - | - | - | - | MB | ON | QC | NB | PE | NS | NF | - | - | [A] |
| <i>L. canadensis</i> (Knight) | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | NF | - | - | - |
| <i>L. caryae</i> (Knight)
hickory plant bug; punaise du caryer | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | [A] |
| <i>L. clavigenitalis</i> (Knight) | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - | - | - |
| <i>L. communis</i> (Knight)
pear (or green apple) plant bug; punaise du poirier | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | LB | - | [A] |
| <i>L. contaminatus</i> (Fallén) | AK | YK | - | - | BC | AB | - | - | ON | QC | NB | PE | NS | NF | - | - | - |
| <i>L. fagi</i> (Knight) | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - | - | - |
| <i>L. geneseensis</i> (Knight) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - |
| <i>L. hirticulus</i> (Van Duzee) | - | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | - | - | - | - |
| <i>L. inconspicuus</i> (Knight) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | [A] |
| <i>L. invitus</i> (Say) | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - | - | - |
| <i>L. johnsoni</i> (Knight) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - |
| <i>L. knighti</i> Kelton | - | - | - | - | - | - | - | MB | ON | - | - | - | - | - | - | - | [A] |
| <i>L. laureae</i> (Knight) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
| <i>L. omnivagus</i> (Knight) | - | - | - | - | - | - | - | MB | ON | QC | NB | - | NS | - | - | - | [A] |
| <i>L. ostryae</i> (Knight) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
| <i>L. parrotti</i> (Knight) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |

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|--|---|---|---|---|---|---|---|----|----|----|----|----|----|----|-----|
| <i>Lygocoris parshleyi</i> (Knight) | - | - | - | - | - | - | - | - | - | - | NB | PE | NS | NF | - |
| <i>L. piceicola</i> (Kelton) | - | - | - | - | - | - | - | MB | ON | QC | NB | - | - | - | - |
| <i>L. quercalbae</i> (Knight)
oak plant bug; punaise du chêne | - | - | - | - | - | - | - | MB | ON | QC | - | - | NS | - | [A] |
| <i>L. semivittatus</i> (Knight) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>L. tiliae</i> (Knight) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>L. univittatus</i> (Knight) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>L. viburni</i> (Knight) | - | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | - | [A] |
| <i>L. vitticollis</i> (Reuter) | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - |
| <i>L. walleyi</i> Kelton | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |

Genus LYGUS Hahn

Key to species: Schwartz & Footitt 1998.

| | | | | | | | | | | | | | | | |
|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
| <i>L. atriflavus</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>L. atritibialis</i> Knight | - | - | - | - | BC | - | SK | MB | - | - | - | - | - | - | - |
| <i>L. borealis</i> (Kelton) | AK | YK | NT | NU | BC | AB | SK | MB | ON | QC | - | - | - | NF | LB [A] |
| <i>L. bradleyi</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>L. ceanothi</i> Knight | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>L. convexicollis</i> Reuter | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - |
| <i>L. elisus</i> Van Duzee
lucerne plant (pale legume) bug; punaise de la luzerne | AK | YK | NT | - | BC | AB | SK | MB | ON | - | - | - | - | - | [A] |
| <i>L. hesperus</i> Knight
western tarnished plant bug; punaise occidentale | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | [A] |
| <i>L. humeralis</i> Knight | - | YK | - | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>L. keltoni</i> Schwartz | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | [A] |
| <i>L. lineolaris</i> (Palisot)
tarnished plant bug; punaise terre | AK | YK | NT | NU | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | [A] |
| <i>L. lupini</i> Schwartz | AK | YK | NT | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>L. oregonae</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [A] |
| <i>L. plagiatus</i> Uhler | - | - | - | - | - | AB | SK | MB | ON | QC | - | - | - | - | [A] |
| <i>L. potentillae</i> Kelton | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | - | NF | LB |
| <i>L. punctatus</i> (Zetterstedt) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | NF | LB [A] |
| <i>L. robustus</i> (Uhler) | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>L. rubroclarus</i> Knight | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | [A] |
| <i>L. rubrosignatus</i> Knight | - | YK | NT | - | BC | AB | SK | MB | - | QC | - | - | - | - | [A] |
| <i>L. rufidorsus</i> (Kelton) | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | [A] |
| <i>L. rugulipennis</i> Poppius | AK | YK | NT | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>L. scudderi</i> Schwartz | - | YK | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>L. shulli</i> Knight | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | - | NF | LB [A] |
| <i>L. solidaginis</i> (Kelton) | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | [A] |
| <i>L. striatus</i> Knight | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - |
| <i>L. unctuosus</i> (Kelton) | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | - | - | - | [A] |
| <i>L. vanduzeei</i> Knight | - | - | - | - | - | - | SK | MB | ON | QC | NB | PE | NS | - | - |

Genus METRIORRHYNCHOMIRIS Kirkaldy

| | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|----|----|----|----|----|---|---|---|---|---|
| <i>M. dislocatus</i> (Say) | - | - | - | - | - | AB | SK | MB | ON | QC | - | - | - | - | - |
| <i>M. illini</i> (Knight) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |

Genus NEOBORELLA Knight

Key to species: Kelton & Herring 1978 [North America].

| | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|----|----|----|---|---|---|---|---|---|---|-----|
| <i>N. canadensis</i> Kelton & Herring | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - |
| <i>N. xanthenes</i> Herring | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |

Genus NEUROCOLPUS Reuter

Key to species: Henry & Kim 1984.

| | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|----|---|---|----|----|----|---|---|---|---|-----|
| <i>N. jessiae</i> Knight | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>N. longirostris</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>N. nubilus</i> (Say) | - | - | - | - | BC | - | - | MB | ON | QC | - | - | - | - | [A] |

| | | | | | | | | | | | | | | | | |
|---|----|----|---|---|-----|----|----|----|----|----|----|-----|----|----|----|-----|
| <i>Neurocolpus pumilus</i> Henry | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| <i>N. tiliae</i> Knight | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| Genus NONLYGUS Schwartz | | | | | | | | | | | | | | | | |
| <i>N. nubilatus</i> (Knight) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |
| Genus ORTHOPS Fieber | | | | | | | | | | | | | | | | |
| <i>O. scutellatus</i> Uhler | AK | YK | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | LB | [A] |
| Genus PHYTOCORIS Fallén | | | | | | | | | | | | | | | | |
| Key to species: Stonedahl 1988 [western North America]. | | | | | | | | | | | | | | | | |
| <i>P. americanus</i> Carvalho | - | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | - | - | - |
| <i>P. antennalis</i> Reuter | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - |
| <i>P. borealis</i> Knight | - | - | - | - | - | - | - | MB | ON | - | - | - | - | - | - | - |
| <i>P. brevifurcatus</i> Knight | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| <i>P. brimleyi</i> Knight | - | - | - | - | AB | - | MB | ON | - | - | - | - | - | - | - | - |
| <i>P. brooksi</i> Kelton | - | - | - | - | - | SK | MB | - | - | - | - | - | - | - | - | - |
| <i>P. buenoi</i> Knight | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
| <i>P. californicus</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. canadensis</i> Van Duzee | - | - | - | - | - | - | - | ON | QC | - | PE | NS | - | - | - | - |
| <i>P. caryae</i> Knight | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - |
| <i>P. conspersipes</i> Reuter | - | - | - | - | - | SK | MB | ON | QC | NB | - | NS | - | - | - | - |
| <i>P. conspurcatus</i> Knight | - | - | - | - | BC | AB | SK | MB | ON | QC | - | NS | - | - | - | - |
| <i>P. corticeviventis</i> Knight | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - | - | - |
| <i>P. cortiectus</i> Knight | - | - | - | - | - | - | - | ON | - | - | - | NS | - | - | - | - |
| <i>P. crawfordi</i> Knight | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | - | - | - | - |
| <i>P. dentatus</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. depictus</i> Knight | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
| <i>P. dimidiatus</i> Kirschbaum | - | - | - | - | BC* | - | - | - | - | - | - | NS* | - | - | - | - |
| <i>P. diversus</i> Knight | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - | - | - |
| <i>P. driesbachi</i> Knight | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | - | - | - | - |
| <i>P. dumicola</i> Stonedahl | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. erectus</i> Van Duzee | - | - | - | - | - | SK | - | ON | QC | - | - | NS | - | - | - | - |
| <i>P. eureka</i> Bliven | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. eximius</i> Reuter | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
| <i>P. fenestratus</i> Reuter | - | - | - | - | - | - | - | ON | QC | NB | - | - | - | - | - | - |
| <i>P. fraterculus</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. fumatus</i> Reuter | - | - | - | - | - | - | - | - | - | - | - | NS | - | - | - | - |
| <i>P. fulvus</i> Knight | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - | - | - |
| <i>P. husseyi</i> Knight | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - | - | - |
| <i>P. infuscatus</i> Reuter | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
| <i>P. inops</i> Uhler | - | - | - | - | BC | - | - | - | QC | - | - | - | - | - | - | - |
| <i>P. jucundus</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. juliae</i> Stonedahl | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. junceus</i> Knight | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - |
| <i>P. keltoni</i> Kerzhner & Schuh | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - |
| <i>P. knowltoni</i> Knight | - | YK | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - |
| <i>P. lacunosus</i> Knight | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - | - |
| <i>P. laevis</i> (Uhler) | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - | - |
| <i>P. lasiomerus</i> Reuter | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - | - |
| <i>P. listi</i> Knight | - | - | - | - | - | - | SK | - | - | - | - | - | - | - | - | - |
| <i>P. michiganæ</i> Knight | - | - | - | - | - | - | - | MB | - | QC | - | - | - | - | - | - |
| <i>P. minutulus</i> Reuter | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| <i>P. neglectus</i> Knight | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - | - |
| <i>P. nigricollis</i> Knight | - | - | - | - | - | - | - | - | - | - | - | - | NS | - | - | - |
| <i>P. occidentalis</i> Stonedahl | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>P. onustus</i> Van Duzee | - | - | - | - | - | - | - | MB | ON | QC | - | PE | NS | - | - | - |

| | | | | | | | | | | | | | | | |
|--|---|---|---|---|-----|----|----|----|----|----|----|----|-----|---|-----|
| <i>Phytocoris pallidicornis</i> Reuter | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - |
| <i>P. pinicola</i> Knight | - | - | - | - | - | - | SK | MB | - | QC | NB | - | NS | - | - |
| <i>P. plenus</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>P. politus</i> (Reuter) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>P. populi</i> (Linnaeus) | - | - | - | - | BC* | - | - | - | - | - | - | - | NS* | - | - |
| <i>P. proctori</i> Knight | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>P. puella</i> Reuter | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |
| <i>P. purshiae</i> Stonedahl | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
| <i>P. purvus</i> Knight | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>P. quercicola</i> Knight | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>P. rostratus</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>P. rubellus</i> Knight | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>P. salicis</i> Knight | - | - | - | - | - | - | SK | MB | ON | QC | NB | - | NS | - | - |
| <i>P. schotti</i> Knight | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>P. spicatus</i> Knight | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - |
| <i>P. stellatus</i> Van Duzee | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>P. strigosus</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>P. sulcatus</i> Knight | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>P. tenuis</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>P. tibialis</i> Reuter | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>P. tiliae</i> (Fabricius) | - | - | - | - | BC* | - | - | - | - | - | - | - | NS* | - | - |
| <i>P. ulmi</i> (Linnaeus) | - | - | - | - | - | - | - | - | - | - | - | - | NS* | - | - |
| <i>P. validus</i> Reuter | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - |
| <i>P. yollabollae</i> Bliven | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |

Genus PINALITUS Kelton

Key to species: Kelton 1977 [North America].

| | | | | | | | | | | | | | | | |
|--|----|----|----|---|----|----|----|----|----|----|----|----|-----|----|----|
| <i>P. approximatus</i> (Stål) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | LB |
| <i>P. cervinus</i> (Herrich-Schaeffer) | - | - | - | - | - | - | - | - | - | - | - | - | NS* | - | - |
| <i>P. rostratus</i> Kelton | - | YK | - | - | BC | AB | - | - | - | QC | NB | PE | NS | NF | - |
| <i>P. rubricatus</i> (Fallén) | - | - | - | - | - | - | - | - | - | - | - | - | NS* | - | - |
| <i>P. solivagus</i> (Van Duzee) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |

Genus PLATYLYGUS Van Duzee

Key to species: Kelton & Knight 1970.

| | | | | | | | | | | | | | | | |
|-------------------------------|---|----|----|---|----|----|----|----|----|----|----|---|----|---|---|
| <i>P. luridus</i> (Reuter) | - | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - |
| <i>P. piceicola</i> Kelton | - | YK | - | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>P. pseudotsugae</i> Kelton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>P. rolfsi</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>P. rubripes</i> Knight | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - |

Genus POECILOCAPSUS Reuter

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|-----|
| <i>P. lineatus</i> (Fabricius)
fourlined plant bug; punaise quadrilignée | - | - | - | - | - | - | SK | MB | ON | QC | NB | PE | NS | - | [A] |
|---|---|---|---|---|---|---|----|----|----|----|----|----|----|---|-----|

Genus POLYMERUS Hahn

Key to species: Schwartz *et al.* 1991 [supplement to Kelton 1980].

| | | | | | | | | | | | | | | | |
|--|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|
| <i>P. americanus</i> (Reuter) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>P. balli</i> Knight | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - |
| <i>P. basalis</i> (Reuter) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>P. basivittis basivittis</i> (Reuter) | - | - | - | - | - | AB | SK | MB | ON | - | - | - | - | - | - |
| <i>P. basivittis pallidulus</i> Knight | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>P. brevisrostris</i> Knight | - | - | - | - | - | AB | SK | MB | ON | - | - | - | - | - | - |
| <i>P. chrysopsis</i> Knight | - | - | - | - | BC | - | SK | MB | - | - | - | - | - | - | - |
| <i>P. cognatus</i> (Fieber) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | - | - | - |
| <i>P. diffusus</i> (Uhler) | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - |
| <i>P. flavocostatus</i> Knight | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |
| <i>P. hirtus</i> Knight | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | |
|------------------------------------|----|----|----|---|----|----|----|----|----|----|---|----|----|---|
| <i>Polymerus opacus</i> Knight | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - |
| <i>P. pallens</i> (Walker) | - | - | - | - | - | - | - | MB | - | - | - | - | - | - |
| <i>P. proximus</i> Knight | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>P. punctipes</i> Knight | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - |
| <i>P. rubrocuneatus</i> Knight | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - |
| <i>P. rufipes</i> Knight | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - |
| <i>P. sculleni</i> Knight | - | - | - | - | - | - | SK | - | - | - | - | - | - | - |
| <i>P. severini</i> Knight | - | - | - | - | - | AB | - | - | - | - | - | - | - | - |
| <i>P. tumidifrons</i> Knight | - | YK | - | - | BC | AB | - | - | - | - | - | - | - | - |
| <i>P. unifasciatus</i> (Fabricius) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | NS | NF | - |
| <i>P. venaticus</i> (Uhler) | - | - | - | - | BC | AB | SK | MB | ON | QC | - | NS | - | - |
| <i>P. vulneratus</i> (Panzer) | AK | YK | NT | - | BC | - | - | - | - | - | - | - | - | - |

Genus SALIGNUS Kelton

| | | | | | | | | | | | | | | | |
|------------------------------|----|----|----|---|----|----|---|----|----|----|----|---|---|----|----|
| <i>S. tahoensis</i> (Knight) | AK | YK | NT | - | BC | AB | - | MB | ON | QC | NB | - | - | NF | LB |
|------------------------------|----|----|----|---|----|----|---|----|----|----|----|---|---|----|----|

Genus STENOTUS Jakovlev

| | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|-----|---|---|-----|-----|-----|---|-----|-----|-----|-----|
| <i>S. binotatus</i> (Fabricius) | - | - | - | - | BC* | - | - | MB* | ON* | QC* | - | PE* | NS* | NF* | [A] |
|---------------------------------|---|---|---|---|-----|---|---|-----|-----|-----|---|-----|-----|-----|-----|

Genus TAEDIA Distant

Key to species: Knight 1930.

| | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|----|----|----|----|---|----|---|---|-----|
| <i>T. casta</i> (McAtee) | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| <i>T. colon</i> (Say) | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| <i>T. gleditsiae</i> (Knight) | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>T. pallidula</i> (McAtee) | - | - | - | - | - | - | SK | MB | ON | QC | - | NS | - | - | [A] |
| <i>T. salicis</i> (Knight) | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>T. scrupea</i> (Say) | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | [A] |

Genus TROPIDOSTEPES Uhler

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|----|----|----|-----|----|----|---|----|---|---|---|
| <i>T. adustus</i> (Knight) | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>T. amoenus amoenus</i> Reuter
ash plant bug; punaise du frêne | - | - | - | - | - | AB | SK | MB | ON | QC | - | NS | - | - | - |
| <i>T. amoenus atriscutis</i> Knight | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>T. amoenus signatus</i> Reuter | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - |
| <i>T. brooksi</i> Kelton | - | - | - | - | - | - | SK | MB | ON | QC | - | NS | - | - | - |
| <i>T. canadensis</i> Van Duzee | - | - | - | - | - | - | - | MB | ON | QC | - | NS | - | - | - |
| <i>T. cardinalis</i> Uhler | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| <i>T. commissuralis</i> (Reuter) | - | - | - | - | - | - | - | MB? | ON | QC | - | NS | - | - | - |
| <i>T. geminus</i> (Say) | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| <i>T. glaber</i> (Knight) | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| <i>T. neglectus</i> (Knight) | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| <i>T. pacificus</i> (Van Duzee) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>T. palmeri</i> (Reuter) | - | - | - | - | - | - | SK | MB | ON | QC | - | NS | - | - | - |
| <i>T. pettiti</i> Reuter | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |
| <i>T. plagifer</i> Reuter | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |
| <i>T. pubescens</i> (Knight) | - | - | - | - | - | - | - | MB | ON | QC | - | NS | - | - | - |
| <i>T. rufusculus</i> (Knight) | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |

Tribe Restheniini**Genus OPISTHEURISTA** Carvalho

| | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|----|----|---|---|---|---|---|---|
| <i>O. clandestina</i> (Van Duzee) | - | - | - | - | - | - | - | MB | ON | - | - | - | - | - | - |
|-----------------------------------|---|---|---|---|---|---|---|----|----|---|---|---|---|---|---|

Genus PREPOPS Reuter

| | | | | | | | | | | | | | | | |
|-------------------------------|---|----|----|---|----|----|----|----|----|----|----|----|----|----|---|
| <i>P. bivittis</i> (Stål) | - | YK | NT | - | BC | AB | SK | MB | ON | - | - | - | - | NF | - |
| <i>P. borealis</i> (Knight) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - |
| <i>P. circumcinctus</i> (Say) | - | - | - | - | - | - | - | - | - | QC | NB | PE | NS | - | - |

Prepops eremicola (Knight)
P. fraterculus (Knight)
P. fraternus (Knight)
P. insignis (Say)
P. insitivus (Say)
P. nigricollis (Reuter)
P. nigripilus (Knight)
P. nigroscutellatus (Knight)
P. rubellicollis (Knight)
P. rubrovittatus (Stål)
P. zonatus (Knight)

| | | | | | | | | | | | | | | | |
|---|----|----|---|----|----|----|----|----|----|----|----|----|----|---|---|
| - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ON | QC | NB | - | - | - | - | - |
| - | YK | NT | - | BC | AB | - | MB | - | QC | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | NS | NF | - | - |
| - | - | - | - | - | - | - | - | ON | QC | NB | PE | NS | - | - | - |
| - | - | - | - | - | - | AB | SK | MB | ON | QC | - | - | - | - | - |

Tribe Stenodemini

Key to genera: Eyles & Carvalho 1975 [world].

Genus ACTINOCORIS Reuter

A. signatus Reuter

| | | | | | | | | | | | | | | | |
|---|----|----|----|---|----|----|---|---|---|---|---|---|---|---|---|
| - | YK | NT | NU | - | AB | SK | - | - | - | - | - | - | - | - | - |
|---|----|----|----|---|----|----|---|---|---|---|---|---|---|---|---|

Genus COLLARIA Provancher

Key to species: Carvalho & Fontes 1981 [USA].

C. meilleurii Provancher

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|----|----|----|----|----|----|----|----|---|---|---|
| - | - | - | - | - | AB | SK | MB | ON | QC | NB | PE | NS | - | - | - |
|---|---|---|---|---|----|----|----|----|----|----|----|----|---|---|---|

C. oculata (Reuter)

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|-----|---|---|----|----|----|---|---|---|---|---|
| - | - | - | - | - | AB? | - | - | ON | QC | NB | - | - | - | - | - |
|---|---|---|---|---|-----|---|---|----|----|----|---|---|---|---|---|

Genus LEPTOPTERNA Fieber

Key to species: Vinokurov 1982.

L. amoena Uhler

| | | | | | | | | | | | | | | | |
|---|---|----|---|----|----|----|---|----|----|----|----|---|----|----|---|
| - | - | NT | - | BC | AB | SK | - | ON | QC | NB | PE | - | NF | LB | - |
|---|---|----|---|----|----|----|---|----|----|----|----|---|----|----|---|

L. dolabrata (Linnaeus)
 meadow plant bug; punaise des prés

| | | | | | | | | | | | | | | | |
|---|---|---|---|-----|---|---|-----|-----|-----|-----|-----|-----|-----|---|-----|
| - | - | - | - | BC* | - | - | MB* | ON* | QC* | NB* | PE* | NS* | NF* | - | [A] |
|---|---|---|---|-----|---|---|-----|-----|-----|-----|-----|-----|-----|---|-----|

L. ferrugata (Fallén)

| | | | | | | | | | | | | | | | |
|----|----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AK | YK | NT | - | - | - | - | - | - | - | - | - | - | - | - | - |
|----|----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|

Genus LITOMIRIS Slater

Key to species: Schwartz 1989.

L. curtus (Knight)

| | | | | | | | | | | | | | | | |
|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |
|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|

L. debilis (Uhler)

| | | | | | | | | | | | | | | | |
|----|----|----|---|----|----|----|----|----|----|---|---|---|----|---|---|
| AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | NF | - | - |
|----|----|----|---|----|----|----|----|----|----|---|---|---|----|---|---|

Genus MEGALOCEROEA Fieber

M. recticornis (Geoffroy)

| | | | | | | | | | | | | | | | |
|---|---|---|---|-----|---|---|---|-----|-----|-----|-----|-----|-----|---|---|
| - | - | - | - | BC* | - | - | - | ON* | QC* | NB* | PE* | NS* | NF* | - | - |
|---|---|---|---|-----|---|---|---|-----|-----|-----|-----|-----|-----|---|---|

Genus MIMOCEPS Uhler

M. insignis Uhler

| | | | | | | | | | | | | | | | |
|----|----|----|---|----|----|----|----|----|----|---|---|---|---|---|---|
| AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - | - |
|----|----|----|---|----|----|----|----|----|----|---|---|---|---|---|---|

Genus PITHANUS Fieber

P. hrabei Stehlik

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|----|----|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | SK | MB | - | - | - | - | - | - | - | - |
|---|---|---|---|---|---|----|----|---|---|---|---|---|---|---|---|

P. maerkelii (Herrich-Schaeffer)

| | | | | | | | | | | | | | | | |
|---|---|---|---|-----|-----|---|---|-----|-----|-----|-----|-----|-----|---|---|
| - | - | - | - | BC* | AB* | - | - | ON* | QC* | NB* | PE* | NS* | NF* | - | - |
|---|---|---|---|-----|-----|---|---|-----|-----|-----|-----|-----|-----|---|---|

Genus STENODEMA Laporte

Key to species: Kelton 1961 [North America].

(Subgenus BRACHYSTIRA Fieber)

S. trispinosa Reuter

| | | | | | | | | | | | | | | | |
|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|---|
| AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | LB | - |
|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|---|

(Subgenus STENODEMA Laporte)

S. pilosipes Kelton

| | | | | | | | | | | | | | | | |
|----|----|----|---|----|----|----|----|---|---|---|---|---|---|---|---|
| AK | YK | NT | - | BC | AB | SK | MB | - | - | - | - | - | - | - | - |
|----|----|----|---|----|----|----|----|---|---|---|---|---|---|---|---|

S. vicinum (Provancher)

| | | | | | | | | | | | | | | | |
|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|---|
| - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | LB | - |
|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|---|

Genus TERATOCORIS Fieber

Key to species: Kelton 1966b [North America].

T. borealis Kelton

| | | | | | | | | | | | | | | | |
|---|---|----|----|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | NT | NU | - | - | - | - | - | - | - | - | - | - | - | - |
|---|---|----|----|---|---|---|---|---|---|---|---|---|---|---|---|

T. caricis Kirkaldy

| | | | | | | | | | | | | | | | |
|----|----|----|---|----|----|----|----|---|----|---|---|---|----|----|---|
| AK | YK | NT | - | BC | AB | SK | MB | - | QC | - | - | - | NF | LB | - |
|----|----|----|---|----|----|----|----|---|----|---|---|---|----|----|---|

Teratocoris discolor Uhler*T. paludum* Sahlberg*T. saundersi* Douglas & Scott*T. viridis* Douglas & Scott

| | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|---|---|----|----|
| - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - |
| AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | - | NF | LB |
| AK | YK | NT | NU | BC | - | SK | MB | - | QC | - | - | - | NF | LB |
| AK | YK | NT | NU | - | - | - | - | - | - | - | - | - | - | - |

Genus TRIGONOTYLUS Fieber

Key to species: Kelton 1971a [North America].

T. americanus Carvalho*T. antennatus* Kelton*T. brooksi* Kelton*T. caelestialium* (Kirkaldy)*T. canadensis* Kelton*T. confusus* Reuter*T. flavicornis* Kelton*T. longipes* Slater & Wagner*T. saileri* Carvalho*T. tarsalis* (Reuter)*T. tenuis* Reuter*T. uhleri* (Reuter)*T. viridis* (Provancher)

| | | | | | | | | | | | | | | |
|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|
| AK | YK | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| - | - | - | - | BC | - | SK | MB | - | - | - | - | - | - | - |
| - | - | - | - | BC | - | SK | - | - | - | - | - | - | - | - |
| AK | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - |
| - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | NS | - | - |
| - | - | - | - | - | - | SK | MB | - | - | - | - | - | - | - |
| - | - | - | - | BC | - | - | - | - | - | NB | PE | NS | - | - |
| - | - | - | - | - | - | - | - | - | - | NB | PE | NS | - | - |
| - | - | - | - | - | AB | SK | MB | ON | QC | NB | PE | NS | NF | - |
| - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ON | QC | NB | PE | - | - | - |
| AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | LB |

Subfamily ORTHOTYLINAE**Tribe Halticini****Genus HALTICUS** Hahn

Key to species: Henry 1983 [Western Hemisphere].

H. apterus (Linnaeus)*H. bractatus* (Say)*H. intermedius* Uhler

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|----|----|-----|-----|-----|-----|-----|-----|---|
| - | - | - | - | - | - | - | - | ON* | QC* | NB* | PE* | NS* | NF* | - |
| - | - | - | - | - | - | - | - | ON | QC | NB | - | - | - | - |
| - | - | - | - | - | - | SK | MB | ON | QC | - | - | NS | - | - |

Genus LABOPS Burmeister

Key to species: Slater 1954 [North America].

L. brooksi Slater*L. burmeisteri* Stål*L. chelifer* Slater*L. hesperius* Uhler
black grass bug*L. hirtus* Knight*L. tumidifrons* Knight*L. verae* Knight

| | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|---|---|---|-----|
| - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | - |
| AK | YK | NT | - | BC | AB | - | - | ON | QC | NB | - | - | - | - |
| AK | YK | NT | - | - | - | - | - | - | - | - | - | - | - | - |
| - | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | - | [A] |
| - | - | NT | - | BC | AB | SK | - | ON | QC | - | - | - | - | - |
| - | YK | - | - | BC | AB | SK | - | - | - | - | - | - | - | - |
| AK | YK | NT | NU | BC | AB | - | MB | - | - | - | - | - | - | - |

Genus ORTHOCEPHALUS Fieber*O. coriaceus* (Fabricius)*O. saltator* (Hahn)

| | | | | | | | | | | | | | | |
|---|---|---|---|-----|---|---|---|-----|-----|-----|-----|-----|-----|---|
| - | - | - | - | BC* | - | - | - | ON* | QC* | NB* | PE* | NS* | NF* | - |
| - | - | - | - | - | - | - | - | ON* | QC* | NB* | PE* | NS* | NF* | - |

Tribe Orthotylini**Genus AOPLONEMA** Knight

Key to species: Knight 1928.

A. princeps (Uhler)*A. uhleri* (Van Duzee)

| | | | | | | | | | | | | | | |
|---|---|---|---|----|----|----|---|---|---|---|---|---|---|-----|
| - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - |
| - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | [r] |

Genus BLEPHARIDOPTERUS Kolenati

Key to species: Kelton 1965a [partial key].

B. angulatus (Fallén)*B. chlorionis* (Say)*B. diaphanus* (Kirschbaum)*B. provancheri* (Burque)

| | | | | | | | | | | | | | | |
|----|----|---|---|-----|-----|----|----|----|----|-----|-----|-----|-----|---|
| - | - | - | - | BC* | AB* | - | - | - | - | NB* | PE* | NS* | NF* | - |
| - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | NS | - | - |
| AK | YK | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - |

Genus BROOKSETTA Kelton

Key to species: Kelton 1979b.

| | | | | | | | | | | | | | | | |
|-------------------------------|---|----|---|---|----|----|----|----|---|---|---|---|---|---|---|
| <i>B. chelifer</i> (Knight) | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - |
| <i>B. inconspicua</i> (Uhler) | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>B. incurva</i> (Knight) | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>B. viridicata</i> (Uhler) | - | YK | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |

Genus CERATOCAPSUS Reuter

Key to species: Knight 1941; Henry 1979a [eastern North America, partial keys].

| | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|----|----|----|----|----|----|---|----|----|---|---|
| <i>C. apicatus</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>C. cunealis</i> Henry | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>C. denticulatus</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>C. digitulus</i> Knight | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |
| <i>C. downesi</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>C. drakei</i> Knight | - | - | - | - | BC | AB | SK | - | ON | QC | - | - | - | - | - |
| <i>C. fasciatus</i> (Uhler) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>C. fuscus</i> Knight | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>C. geminatus</i> Knight | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - |
| <i>C. incisus</i> Knight | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>C. keltoni</i> Henry | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>C. modestus</i> (Uhler) | - | - | - | - | - | - | SK | MB | ON | QC | - | - | - | - | - |
| <i>C. nigellus</i> Knight | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>C. nigrocephalus</i> Knight | - | - | - | - | BC | - | SK | MB | ON | QC | - | - | NS | - | - |
| <i>C. pilosulus</i> Knight | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |
| <i>C. pumilus</i> (Uhler) | - | - | - | - | - | - | - | - | ON | QC | - | PE | NS | - | - |
| <i>C. uniformis</i> Knight | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>C. vicinus</i> Knight | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |

Genus CYRTORHINUS Fieber

Key to species: Carvalho & Southwood 1955.

| | | | | | | | | | | | | | | | |
|----------------------------|----|----|----|---|----|----|----|----|----|----|---|---|---|----|---|
| <i>C. caricis</i> (Fallén) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | NF | - |
|----------------------------|----|----|----|---|----|----|----|----|----|----|---|---|---|----|---|

Genus DICHAETOCORIS Knight

Key to species: Kelton 1965a.

| | | | | | | | | | | | | | | | |
|------------------------------|---|----|---|---|----|----|---|---|---|---|---|---|---|---|---|
| <i>D. piceicola</i> (Knight) | - | YK | - | - | BC | AB | - | - | - | - | - | - | - | - | - |
|------------------------------|---|----|---|---|----|----|---|---|---|---|---|---|---|---|---|

Genus FIEBEROCAPSUS Carvalho & Southwood

| | | | | | | | | | | | | | | | |
|------------------------------|---|----|---|---|----|----|----|----|----|----|---|---|---|---|---|
| <i>F. flaveolus</i> (Reuter) | - | YK | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - |
|------------------------------|---|----|---|---|----|----|----|----|----|----|---|---|---|---|---|

Genus HADRONEMA Uhler

Key to species: Knight 1928.

| | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|----|-----|----|----|----|---|---|---|---|---|---|
| <i>H. bispinosum</i> Knight | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - |
| <i>H. militare</i> Uhler | - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | - |
| <i>H. pictum</i> Uhler | - | - | - | - | - | AB? | - | - | - | - | - | - | - | - | - |
| <i>H. simplex</i> Knight | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |

Genus HETEROCORDYLUS Fieber

| | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|-----|
| <i>H. malinus</i> Slingerland | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | [A] |
|-------------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|-----|

Genus HETEROTOMA Lepelletier & Serville

| | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|-----|---|---|---|---|---|---|---|-----|---|---|
| <i>H. planicornis</i> (Pallas) | - | - | - | - | BC* | - | - | - | - | - | - | - | NS* | - | - |
|--------------------------------|---|---|---|---|-----|---|---|---|---|---|---|---|-----|---|---|

Genus ILNACORA Reuter

Key to species: Knight 1963, Knight & Schaffner 1976.

| | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|----|----|----|----|----|----|----|---|----|---|---|
| <i>I. albifrons</i> Knight | - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - | - |
| <i>I. chloris</i> (Uhler) | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>I. malina</i> (Uhler) | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - |

| | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|----|----|----|----|----|---|---|---|---|---|
| <i>Ilacora stalii</i> Reuter | - | - | - | - | - | AB | SK | MB | ON | QC | - | - | - | - | - |
| <i>I. vittifrons</i> Knight | - | - | - | - | - | - | SK | MB | - | - | - | - | - | - | - |

Genus ILNACORELLA Knight

| | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|----|----|---|---|---|---|---|---|---|---|---|
| <i>I. argentata</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>I. sulcata</i> Knight | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - |

Genus LABOPIDEA Uhler

Key to species: Kelton 1979a, Henry 1982b.

| | | | | | | | | | | | | | | | |
|---------------------------------|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|
| <i>L. artemisiae</i> (Sahlberg) | AK | - | NT | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>L. bermani</i> Kerzhner | AK | YK | NT | NU | - | - | - | - | - | - | - | - | - | - | - |
| <i>L. brooksi</i> Kelton | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - |
| <i>L. discolor</i> (Sahlberg) | - | - | NT | NU | - | - | - | MB | - | - | - | - | - | - | - |
| <i>L. lenensis</i> (Lindberg) | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>L. nigrisetosa</i> Knight | - | YK | - | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>L. pallida</i> Knight | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - |
| <i>L. planifrons</i> Knight | - | - | - | - | - | - | SK | MB | - | - | - | - | - | - | - |
| <i>L. simplex</i> (Uhler) | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |

Genus LOPIDEA Uhler

Key to species: Asquith 1991 [North America].

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|---------------------------------------|----|----|----|---|----|----|----|----|----|----|----|---|----|---|-----|
| <i>L. ampla</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>L. balli</i> Knight | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - |
| <i>L. caesar</i> (Reuter) | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>L. confluenta</i> (Say) | - | - | - | - | - | AB | - | MB | ON | QC | - | - | - | - | - |
| <i>L. confraterna</i> (Gibson) | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - |
| <i>L. dakota</i> Knight | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | - | - | [A] |
| <i>L. heidemanni</i> Knight | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| <i>L. incurva</i> Knight | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>L. instabilis</i> (Reuter) | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| <i>L. lathyri</i> Knight | - | - | - | - | - | AB | SK | MB | ON | - | - | - | - | - | - |
| <i>L. media</i> (Say) | - | - | - | - | - | AB | SK | MB | ON | QC | NB | - | NS | - | - |
| <i>L. minor</i> Knight | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>L. nigridea aculeata</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>L. nigridea nigridea</i> Uhler | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>L. nigridea serica</i> Knight | AK | YK | - | - | - | AB | SK | MB | - | - | - | - | - | - | - |
| <i>L. picta</i> Knight | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | [r] |
| <i>L. robiniae</i> (Uhler) | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| <i>L. salicis</i> Knight | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - |
| <i>L. taurina</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>L. teton</i> Knight | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - |

Genus MALACOCORIS Fieber

| | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|
| <i>M. chlorizans</i> (Panzer) | - | - | - | - | BC* | - | - | - | - | - | - | - | - | - | - |
|-------------------------------|---|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|

Genus MECOMMA Fieber

Key to species: Kelton & Knight 1962.

| | | | | | | | | | | | | | | | |
|------------------------------|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|
| <i>M. angustatum</i> (Uhler) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | - | NF | - |
| <i>M. bradora</i> Kelton | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>M. gilvipes</i> (Stål) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | LB |

Genus MELANOTRICHUS Reuter

Key to species: Henry 1991 [eastern North America], Knight 1968b [western North America].

| | | | | | | | | | | | | | | | |
|------------------------------------|---|----|---|---|----|----|----|----|----|----|---|----|----|----|---|
| <i>M. albocostatus</i> (Van Duzee) | - | YK | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>M. atriplicis</i> Knight | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - |
| <i>M. brindleyi</i> Knight | - | - | - | - | BC | AB | SK | MB | ON | QC | - | PE | NS | NF | - |
| <i>M. catulus</i> (Van Duzee) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |

| | | | | | | | | | | | | | | | | | |
|---|----|----|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|-----|
| <i>Melanotrichus coagulatus</i> (Uhler) | - | YK | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - | - | - |
| <i>M. concolor</i> (Kirschbaum) | - | - | - | - | BC* | - | - | - | - | QC* | - | - | - | NS* | - | - | - |
| <i>M. elongatus</i> Kelton | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - | - | - |
| <i>M. flavosparsus</i> (Sahlberg) | - | - | NT* | - | BC* | AB* | SK* | MB* | ON* | QC* | NB* | PE* | NS* | - | - | - | [A] |
| <i>M. leviculus</i> Knight | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - | - | - |
| <i>M. mistus</i> (Knight) | AK | YK | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. vestitus</i> (Uhler) | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. virescens</i> (Douglas & Scott) | - | - | - | - | BC* | - | - | - | - | - | - | - | - | NS* | - | - | - |
| <i>M. wallisi</i> Kelton | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - | - | - |

Genus NOCTUOCORIS Knight

| | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|----|---|---|----|----|----|---|---|---|---|---|---|---|
| <i>N. fumidus</i> (Van Duzee) | - | - | - | - | BC | - | - | MB | ON | QC | - | - | - | - | - | - | - |
|-------------------------------|---|---|---|---|----|---|---|----|----|----|---|---|---|---|---|---|---|

Genus ORTHOTYLUS Fieber

(Subgenus NEOMECOMMA Southwood)

| | | | | | | | | | | | | | | | | | |
|-------------------------------------|----|----|----|----|-----|-----|----|----|-----|-----|----|-----|-----|----|----|---|---|
| <i>O. candidatus</i> Van Duzee | - | YK | - | - | BC | AB | SK | - | ON | QC | - | - | - | NF | - | - | - |
| (Subgenus ORTHOTYLUS Fieber) | | | | | | | | | | | | | | | | | |
| <i>O. alni</i> Knight | - | YK | NT | - | BC | AB | - | MB | ON | QC | NB | - | - | NF | LB | - | - |
| <i>O. angulatus</i> (Uhler) | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>O. basicornis</i> Knight | - | - | - | - | - | - | SK | - | ON | QC | - | - | - | - | - | - | - |
| <i>O. contrastus</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>O. cruciatus</i> Van Duzee | - | - | - | - | - | - | - | - | - | QC | NB | - | NS | - | - | - | - |
| <i>O. dorsalis</i> (Provancher) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | - | - | - |
| <i>O. fuscicornis</i> Knight | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - | - | - |
| <i>O. katmai</i> (Knight) | AK | YK | NT | NU | BC | AB | - | MB | ON | QC | - | - | - | - | - | - | - |
| <i>O. marginatus</i> (Uhler) | - | - | - | - | - | - | - | - | ON? | QC? | - | - | - | - | - | - | - |
| <i>O. modestus</i> Van Duzee | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
| <i>O. nassatus</i> (Fabricius) | - | - | - | - | - | - | - | - | ON* | - | - | PE* | NS* | - | - | - | - |
| <i>O. necopinus</i> Van Duzee | - | - | - | - | - | - | - | - | ON | QC | - | - | - | NF | - | - | - |
| <i>O. neglectus</i> Knight | - | YK | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | - | - | - |
| <i>O. notabilis</i> Knight | - | - | - | - | - | AB | SK | MB | ON | - | - | - | - | - | - | - | - |
| <i>O. ochrotrichus</i> Fieber | - | - | - | - | BC* | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>O. ornatus</i> Van Duzee | - | - | - | - | - | AB | - | - | ON | QC | NB | - | - | - | - | - | - |
| <i>O. pacificus</i> Van Duzee | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>O. pennsylvanicus</i> Henry | - | - | - | - | - | AB | - | MB | ON | QC | NB | - | NS | - | - | - | - |
| <i>O. robiniae</i> Johnston | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - |
| <i>O. serus</i> Van Duzee | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - |
| <i>O. submarginatus</i> (Say) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - |
| <i>O. uniformis</i> Van Duzee | - | - | - | - | - | - | - | - | - | QC? | - | - | - | - | - | - | - |
| <i>O. ute</i> Knight | AK | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>O. viridinervis</i> (Kirschbaum) | - | - | - | - | - | - | - | - | ON* | - | - | - | NS* | - | - | - | - |
| <i>O. viridis</i> Van Duzee | - | - | - | - | - | AB? | - | - | - | QC | - | - | - | - | - | - | - |

Genus PARAPROBA Distant

| | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|----|---|---|---|----|----|----|---|----|---|---|---|---|
| <i>P. capitata</i> (Van Duzee) | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - | - | - |
| <i>P. cincta</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. hamata</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |

Genus PARTHENICUS Reuter

Key to species: Henry 1982a [eastern North America].

| | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|----|---|----|---|----|---|---|---|---|---|---|---|---|
| <i>P. basicornis</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. brindleyi</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. brooksi</i> Kelton | - | - | - | - | - | - | SK | - | - | - | - | - | - | - | - | - | - |
| <i>P. giffardi</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. grex</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. juniperi</i> (Heidemann) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <i>Parthenicus pallidicollis</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. sabulosus</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Genus PSEUDOLOXOPS Kirkaldy

| | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|
| <i>P. coccineus</i> (Meyer-Dür) | - | - | - | - | - | - | - | - | ON* | - | - | - | - | - | - | - | - | - | - |
|---------------------------------|---|---|---|---|---|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|

Genus PSEUDOPSALLUS Van Duzee

Key to species: Stonedahl & Schwartz 1986.

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|----|----|----|---|---|---|---|---|---|---|---|---|---|---|
| <i>P. anograe</i> Knight | - | - | - | - | - | AB | - | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. demensus</i> (Van Duzee) | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. occidentalis</i> Stonedahl & Schwartz | - | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>P. sericatus</i> (Uhler) | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |

Genus PSEUDOXENETUS Reuter

| | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|---|---|---|---|
| <i>P. regalis</i> (Uhler) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
|---------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|---|---|---|---|

Genus REUTERIA Puton

Key to species: Henry 1976.

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|----|----|----|---|---|---|---|---|---|---|---|---|
| <i>R. bifurcata</i> Knight | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - | - |
| <i>R. fuscicornis</i> Knight | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - | - |
| <i>R. irrorata</i> (Say) | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - | - |
| <i>R. platani</i> Knight | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - | - |
| <i>R. querci</i> Knight | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - | - | - | - | - |

Genus SCHAFFNERIA Knight

Key to species: Henry 1994.

| | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|----|----|----|----|---|---|---|---|---|---|---|---|---|---|
| <i>S. davisi</i> (Knight) | - | - | - | - | - | - | - | MB | ON | - | - | - | - | - | - | - | - | - | - |
| <i>S. pilophoroides</i> (Knight) | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |

Genus SERICOPHANES Reuter

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|----|----|----|---|----|----|---|---|---|---|---|---|---|---|---|
| <i>S. heidemanni</i> Poppius | - | - | - | - | BC | AB | SK | - | ON | QC | - | - | - | - | - | - | - | - | - |
|------------------------------|---|---|---|---|----|----|----|---|----|----|---|---|---|---|---|---|---|---|---|

Genus SLATEROCORIS Wagner

Key to species: Kelton 1968, Knight 1970.

| | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|----|----|----|----|----|----|----|---|----|---|---|---|---|---|-----|
| <i>S. ambrosiae</i> (Knight) | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - | - |
| <i>S. atritibialis</i> (Knight) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - | - | - | - | - |
| <i>S. breviatus</i> (Knight) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - | - | - | - | - |
| <i>S. pallidicornis</i> (Knight) | - | - | - | - | - | AB | SK | MB | - | - | - | - | NS | - | - | - | - | - | - |
| <i>S. pilosus</i> Kelton | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>S. robustus</i> (Uhler) | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>S. stygicus</i> (Say) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - | - | - | - | - |

Subfamily PHYLINAE**Tribe Hallodapini****Genus COQUILLETIA** Uhler

| | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|----|----|----|---|---|---|---|---|---|---|---|---|---|---|---|
| <i>C. albertae</i> Kelton | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>C. insignis</i> Uhler | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |

Genus ORECTODERUS Uhler

Key to species: Knight 1968a.

| | | | | | | | | | | | | | | | | | | | |
|---------------------------|----|----|----|---|----|----|----|----|----|----|----|---|----|---|---|---|---|---|-----|
| <i>O. arcuatus</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>O. montanus</i> Knight | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>O. obliquus</i> Uhler | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - | - | - | - | - |
| <i>O. salicis</i> Knight | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - | - | - | [r] |

Genus TELEORHINUS Uhler

Key to species: Knight 1968b.

T. brindleyi Knight

- - - - BC - - - - - [r]

Tribe Leucophoroterini**Genus TYTTHUS** Fieber

Key to species: Carvalho & Southwood 1955.

T. pubescens (Knight)*T. pygmaeus* (Zetterstedt)*T. vagus* (Knight)

| | | | | | | | | | | | | | |
|----|----|---|---|----|----|----|---|----|----|---|----|----|----|
| AK | YK | - | - | BC | AB | SK | - | - | QC | - | - | NF | - |
| AK | YK | - | - | BC | AB | SK | - | ON | - | - | - | NF | LB |
| - | - | - | - | - | - | - | - | - | NB | - | NS | - | - |

Tribe Phylini**Genus AMBLYTYLUS** Fieber*A. nasutus* (Kirschbaum)

- - - - BC* - - - ON* - - - -

Genus ASCIODEMA Reuter*A. obsoletum* (Fieber)

- - - - BC* - - - -

Genus ATOMOSCELIS Reuter*A. onustus* (Fieber)

- - - - BC AB SK MB - - - -

Genus ATRACTOTOMUS Fieber

Key to species: Stonedahl 1990 [Holarctic].

Note: *A. mali* is not properly placed here.*A. atricolor* (Knight)*A. cerocarpi* Knight*A. cooperi* Stonedahl*A. kolenatii* (Flor)*A. magnicornis* (Fallén)*A. mali* (Meyer-Dür) [incert. sed.]*A. ramentum* Stonedahl*A. rubidus* (Uhler)

| | | | | | | | | | | | | | |
|---|----|---|---|-----|----|----|----|-----|-----|-----|-----|-----|---|
| - | - | - | - | BC | AB | SK | MB | ON | - | - | - | - | - |
| - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| - | YK | - | - | BC | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ON* | QC* | - | NS* | NF* | - |
| - | - | - | - | BC* | - | - | - | - | NB* | PE* | NS* | - | - |
| - | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| - | - | - | - | BC | - | - | - | ON | QC | - | - | - | - |

Genus CAMPYLOMMA Reuter*C. verbasci* (Meyer-Dür)

mullain bug; punaise de la molène

- - - - BC* - - - ON* QC* NB* - NS* - -

Genus CHLAMYDATUS Curtis

Key to species: Kelton 1965b [North America].

C. artemisiae Kelton*C. associatus* (Uhler)*C. brevicornis* Knight*C. montanus* Knight*C. obliquus* (Uhler)*C. opacus* (Zetterstedt)*C. pallidicornis* Knight*C. pulicarius* (Fallén)*C. pullus* (Reuter)*C. ruficornis* Knight*C. schuhi* Knight*C. suavis* (Reuter)*C. wilsoni* (Douglas & Scott)

| | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| - | - | - | - | - | AB | - | - | - | - | - | - | - | - |
| - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - |
| - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| - | YK | - | - | BC | AB | SK | MB | - | - | - | - | - | - |
| - | - | - | - | BC | AB | - | - | - | - | - | - | - | - |
| - | - | - | NU | - | - | - | MB | QC | - | - | - | - | - |
| - | - | - | - | BC | AB | - | - | - | - | - | - | - | - |
| AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF |
| AK | YK | NT | NU | BC | AB | SK | MB | ON | QC | - | - | - | NF |
| - | - | - | - | - | AB | SK | - | - | - | - | - | - | - |
| - | - | - | - | BC | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ON | - | - | - | - | - |
| AK | YK | NT | NU | - | - | - | MB | QC | - | - | - | NF | - |

Genus COMPSIDOLON Reuter*C. pumilum* (Jakovlev)*C. salicellum* (Herrich-Schaeffer)

| | | | | | | | | | | | | | |
|---|----|----|---|-----|---|---|---|-----|---|---|-----|-----|---|
| - | YK | NT | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | BC* | - | - | - | ON* | - | - | PE* | NS* | - |

Genus CONIFEROCORIS Schwartz & Schuh

Key to species: Schwartz & Schuh 1999.

C. pinicolus Schwartz & Schuh - - - - BC - - - - -**Genus CONOSTETHUS** Fieber*C. americanus* Knight - - NT - - AB SK - - - - -**Genus CRIOCORIS** Fieber*C. saliens* (Reuter) - - - - BC AB SK MB ON QC - - NS - -**Genus DACOTA** Uhler*D. hesperia* Uhler - - - - BC AB SK MB - - - - -**Genus EUROPIELLA** Reuter*E. angulata* (Uhler) - - - - AB SK - - - - -*E. artemisiae* (Becker) AK YK NT - BC AB SK - - - - -*E. consors* (Uhler) - - - - BC AB SK MB - - - - -*E. decolor* (Uhler) AK YK - - BC AB SK MB ON QC - - - NF -*E. pilosula* (Uhler) - - - - BC - - - - -**Genus HOPILOMACHUS** Fieber*H. affiguratus* (Uhler) - - - - BC AB - - - - -**Genus ICODEMA** Reuter*I. nigrolineatum* (Knight) - - - - - MB ON - - - - -**Genus KNIGHTOMIROIDES** Stonedahl & Schwartz*K. contortae* Stonedahl & Schwartz - - - - BC - - - - -*K. ponderosae* Stonedahl & Schwartz - - - - BC - - - - -**Genus LEPIDARGYRUS** Mumonov*L. ancorifer* (Fieber) - - - - BC* - - - ON* - - - - -**Genus LOPUS** Hahn*L. decolor* (Fallén) - - - - BC* - - - ON* QC* NB* PE* NS* NF* -**Genus MACROTYLUS** Fieber

Key to species: Van Duzee 1916.

M. multipunctatus Van Duzee - - - - BC - - - - -*M. sexguttatus* (Provancher) - - - - - ON QC - - - - -**Genus MEGALOCOLEUS** Reuter*M. molliculus* (Fallén) - - - - - ON* QC* NB* PE* NS* NF* -**Genus MEGALOPSALLUS** Knight*M. femoralis* Kelton - - - - AB SK - - - - -*M. lycii* (Knight) - - - - AB SK - - - - -*M. montanae* (Knight) - - - - SK - - - - -*M. rubropictipes* Knight - - - - AB SK - - - - -**Genus MICROPHYLELLUS** Reuter*M. adustus binotatus* Knight - - - - BC - - - - -*M. elongatus* Knight - - - - - ON QC - - - - -*M. flavipes* (Provancher) - - - - - ON QC - - - - -*M. fuscicornis* Knight - - - - SK MB - - - - -*M. longirostris* Knight - - - - MB ON QC - - - - -*M. maculipennis* Knight - - - - MB - - - - -

| | | | | | | | | | | | | | | | |
|---|----|----|----|---|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| <i>Microphylellus modestus</i> Reuter | - | - | - | - | - | - | SK | MB | ON | QC | - | - | - | - | - |
| <i>M. tsugae</i> Knight | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - |
| <i>M. tumidifrons</i> Knight | - | - | - | - | - | - | SK | MB | ON | QC | - | - | NS | - | - |
| Genus MONOSYNAMMA Scott | | | | | | | | | | | | | | | |
| <i>M. bohemani</i> (Fallén) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | NS | NF | LB |
| Genus PARAPSALLUS Wagner | | | | | | | | | | | | | | | |
| <i>P. vitellinus</i> (Scholtz) | - | - | - | - | - | - | - | - | ON* | QC* | - | - | - | - | - |
| Genus PHOENICOCORIS Reuter | | | | | | | | | | | | | | | |
| <i>P. longirostris</i> (Knight) | - | YK | - | - | BC | AB | SK | - | - | - | - | - | - | - | - |
| <i>P. minusculus</i> (Knight) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>P. rostratus</i> (Knight) | - | YK | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - |
| <i>P. strobicola</i> (Knight) | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - |
| Genus PHYLLOPIDEA Knight | | | | | | | | | | | | | | | |
| Key to species: Knight 1968b. | | | | | | | | | | | | | | | |
| <i>P. montana</i> Knight | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - |
| Genus PHYLUS Hahn | | | | | | | | | | | | | | | |
| <i>P. coryli</i> (Linnaeus) | - | - | - | - | BC* | - | - | - | - | - | - | - | - | - | - |
| Genus PICEOPHYLUS Schwartz & Schuh | | | | | | | | | | | | | | | |
| <i>P. keltoni</i> Schwartz & Schuh | - | - | - | - | - | AB | - | - | ON | QC | NB | PE | NS | - | - |
| Genus PINOPHYLUS Schwartz & Schuh | | | | | | | | | | | | | | | |
| <i>P. rolfsi</i> (Knight) | - | YK | - | - | BC | AB | - | - | - | - | - | - | - | - | - |
| Genus PLAGIOGNATHUS Fieber | | | | | | | | | | | | | | | |
| <i>P. albatu albatu</i> (Van Duzee) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>P. albatu vittiscutis</i> Knight | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>P. albonotatus</i> Knight | - | - | - | - | - | AB | SK | MB | ON | QC | NB | - | NS | - | - |
| <i>P. alboradialis</i> Knight | - | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | - | NF | - |
| <i>P. annulatus</i> Uhler | - | - | - | - | BC | AB | SK | - | ON | QC | - | - | - | - | - |
| <i>P. arbustorum</i> (Fabricius) | - | - | - | - | BC* | - | - | - | - | - | - | - | - | NF* | - |
| <i>P. blatchleyi</i> Reuter | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |
| <i>P. brevirostris</i> Knight | - | - | - | - | - | - | - | - | ON | QC | - | - | - | NF | - |
| <i>P. brunneus</i> (Provancher) | AK | YK | NT | - | BC | AB | SK | MB | - | - | - | - | - | - | [A] |
| <i>P. caryae</i> Knight | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>P. chrysanthemi</i> (Wolff) | - | - | - | - | BC* | - | - | MB* | ON* | QC* | NB* | PE* | NS* | NF* | [A] |
| <i>P. cornicola</i> Knight | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>P. cuneatus</i> Knight | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>P. davisii</i> Knight | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>P. delicatus</i> (Uhler) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>P. dispar</i> Knight | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |
| <i>P. flavicornis</i> Knight | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - |
| <i>P. flavidus</i> Knight | - | - | - | - | - | AB | SK | MB | - | QC | - | - | - | - | - |
| <i>P. flavoscutellatus</i> Knight | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | NF | - |
| <i>P. fumidus</i> Uhler | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>P. fusciflavus</i> Knight | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>P. fuscipes</i> Knight | - | - | - | - | - | AB | - | - | ON | - | - | - | - | NF | - |
| <i>P. fuscus</i> (Provancher) | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - |
| <i>P. guttatipes</i> (Uhler) | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - |
| <i>P. laricicola</i> Knight | - | YK | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - |
| <i>P. moerens</i> (Reuter) | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - |

Plagiognathus mundus Van Duzee*P. negundinis* Knight*P. nigrinus* Knight*P. nigrinitens* Knight*P. obscurus albocuneatus* Knight*P. obscurus obscurus* Uhler
obscure plant bug; punaise sombre*P. politus flaveolus* Knight*P. politus politus* Uhler*P. punctatipes* Knight*P. repetitus* Knight*P. repletus* Knight*P. ribesi* Kelton*P. rosicola* Knight*P. salicicola* Knight*P. shoshonea* Knight*P. similis* Knight*P. subovatus* Knight*P. suffuscapennis* Knight*P. tinctus* Knight**Genus PLESIODEMA** Reuter*P. sericeum* (Heidemann)**Genus PRONOTOCREPIS** Knight*P. clavicornis* Knight**Genus PSALLOVIUS** Henry

Key to species: Schwartz & Schuh 1999.

P. nigroantennatus Schwartz & Schuh*P. piceicola* (Knight)**Genus PSALLUS** Fieber*P. aethiops* (Zetterstedt)*P. alnicenatus* Knight*P. betuleti* (Fallén)*P. falleni* Reuter*P. flavellus* Stichel*P. haematodes* (Gmelin)*P. kimi* Josilov*P. lepidus* Fieber*P. morrisoni* Knight*P. parshleyi* Knight*P. physocarpi* Henry*P. variabilis* (Fallén)**Genus PSEUDATOMOSCELIS** Poppius*P. seriatus* (Reuter)**Genus REUTEROSCOPIUS** Kirkaldy

Key to species: Kelton 1964, Knight 1965.

R. ornatus (Reuter)**Genus RHINOCAPSUS** Uhler*R. rubricans* (Provancher)*R. vanduzeei* Uhler

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| - | - | - | - | - | - | SK | - | ON | QC | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | AB | SK | MB | ON | QC | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | AB | SK | MB | ON | QC | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ON | QC | - | PE | NS | NF | - | - | - | - | - | - |
| - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | MB | ON | QC | - | - | NS | NF | - | [A] | - | - | - | - |
| - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - | - |
| AK | YK | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - | - | - | - | - | - |
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| - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
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| AK | YK | NT | - | BC | - | - | - | ON | QC | NB | - | NS | - | - | - | - | - | - | - |
| AK | YK | NT | - | BC | AB | - | - | ON | QC | NB | PE | NS | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | NS* | - | - | - | - | - | - | - |
| - | - | - | - | BC* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AK | YK | NT | - | BC | - | - | - | - | QC | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | PE* | NS* | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - | - | - | - | - | - |
| AK | YK | NT | - | BC | AB | SK | MB | - | QC | NB | - | NS | NF | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | ON* | - | - | - | - | - | - | - | - | - | - | - |

Genus SEMIUM Reuter

Key to species: Kelton 1973.

S. hirtum Reuter

- - - - - ON - - - - -

Genus STHENARUS Fieber*S. cuneotinctus* (Van Duzee) [incert. sed.]

- - - - BC - - - - -

S. rotermundi (Scholtz)

- - - - - ON* - - - - -

Tribe Pilophorini**Genus PILOPHORUS** Hahn

Key to species: Schuh & Schwartz 1988 [New World].

P. americanus Poppius

- YK - - BC AB SK MB - - - - -

P. amoenus Uhler

- - - - - MB ON QC NB - - - - -

P. brunneus Poppius

- - - - - ON - - - - -

P. clavatus (Linnaeus)

- - - - BC AB SK MB ON QC - - NS - -

P. confusus Kirschbaum

- - - - - QC* - - NS* - -

P. crassipes Heidemann

- - - - - AB - MB ON QC - - - - -

P. diffusus Knight

- YK - - BC AB - - - - -

P. furvus Knight

- - - - - MB - - - - -

P. geminus Knight

- - - - - MB ON QC - - - - -

P. gracilis Uhler

- - - - - MB ON QC - - - - -

P. laetus Heidemann

- - - - - ON - - - - -

P. neoclavatus Schuh & Schwartz

- - - - - AB SK MB ON QC - - - - -

P. perplexus Douglas & Scott

- - - - BC* - - ON* QC* - PE* NS* - -

P. piceicola Knight

- - - - - AB SK MB ON QC NB PE NS - -

P. salicis Knight

- - - - - AB SK MB - - - - -

P. setiger Knight

- - - - - MB - - - - -

P. stonedahli Schuh & Schwartz

- - - - BC - - - - -

P. strobicola Knight

- - - - - ON QC NB - NS - -

P. tibialis Van Duzee

- - - - BC - - - - -

P. uhleri Knight

- - - - BC AB SK MB ON QC NB PE NS - -

P. vicarius Poppius

AK YK - - BC AB SK MB - - - - -

P. walshii Uhler

- - - - - ON - - - - -

[r]

Superfamily Tingoidea**Family TINGIDAE**

Key to subfamilies: Drake & Davis 1960.

Catalogue to world species: Drake & Ruhoff 1965.

Lacebugs. Head without ocelli; antennae 4-segmented with first two segments short and stout; forewings lacking division into clavus, corium and membrane, but with numerous small, lace-like cells; tarsi with 2 segments. Plant feeders, often quite host specific.

Subfamily TINGINAE**Tribe Tingini****Genus ACALYPTA** Westwood

Key to species: Drake & Lattin 1963.

A. cooleyi Drake

- YK - - BC - - - - -

A. elegans Horváth

AK YK NT - BC AB - MB - - - NF -

A. lillianis Torre Bueno

AK YK NT - BC AB - - ON QC NB - - NF -

A. parvula (Fallén)

- - - - BC - - - ON - NB - - -

A. saundersi (Downes)

- - - - BC - - - - -

Genus ALVEOTINGIS Osborn & Drake

A. grossocerata Osborn & Drake - - - - - ON QC - - - - -

Genus CORYTHAICA Stål

C. venusta (Champion) - - - - BC AB - - - - -

Genus CORYTHUCHA Stål

Key to species (partial): Gibson 1918, Bailey 1951.

C. arcuata (Say) - - - - - MB ON QC - - - - -
oak lace bug; punaise reticulé du chêne

C. bellula Gibson - - - - - MB ON - NB - - - - -

C. ciliata (Say) - - - - - ON QC - - - - -
sycamore lace bug; punaise reticulé du platane

C. cydoniae (Fitch) - - - - BC AB SK MB ON - - - - -

C. distincta Osborn & Drake - - - - BC - - - - - [A]

C. elegans Drake - - - - BC AB SK MB ON - - - NS - - -
willow lace bug; punaise reticulé des peupliers

C. heidemanni Drake - - - - - ON QC NB - NS NF - -
alder lace bug; punaise reticulé de l'aulne

C. hewitti Drake - - - - BC - - MB ON - - - - -

C. immaculata Osborn & Drake - - - - BC AB - - - - -

C. juglandis (Fitch) - - - - BC - - - QC - - - - -
walnut lace bug; punaise reticulé du noyer

C. marmorata (Uhler) AK YK - - BC AB SK MB ON QC - - - - -

C. mollicula Osborn & Drake - - - - BC - - MB ON QC - - - - -

C. morrilli Osborn & Drake - - - - BC - - - - -

C. obliqua Osborn & Drake - - - - BC - - - - -

C. padi Drake - - - - BC - - - - -

C. pallipes Parshley - - - - - MB ON QC NB - - NF - -
birch lace bug; punaise reticulé du bouleau

C. pergandei Heidemann - - - - BC - - - ON QC - - NS - -

C. salicata Gibson - - NT - BC - SK MB ON - - - - -

C. ulmi Osborn & Drake - - - - - ON QC - - - - -

C. ulmi Osborn & Drake - - - - - ON QC - - - - -

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C. ulmi Osborn & Drake - - - - - ON QC - - - - -

Genus MELANORHOPALA Stål

Key to species: Henry & Wheeler 1986.

M. clavata (Stål)

- - - - BC AB SK MB ON QC - - NS - -

Genus PHYSATOCHEILA Fieber*P. breviostris* Osborn & Drake

- - - - - - - ON QC - - - - -

P. plexa (Say)

- - - - BC AB SK MB ON QC - - NS - -

P. variegata Parshley

- - - - BC AB SK MB ON QC NB - - - -

Genus STEPHANITIS Stål

(Subgenus STEPHANITIS Stål)

S. rhododendri Horváth

- - - - BC* - - - ON* QC* NB* - NS* NF* -

Genus TELEONEMIA Costa*T. nigra* Champion

- - - - BC - - - - - - - -

Tribe Ypsotingini**Genus DICTYONOTA** Curtis

(Subgenus DICTYONOTA Curtis)

D. fuliginosa Costa

- - - - BC* - - - - - - - -

(Subgenus ALCLETHA Kirkaldy)

D. tricornis (Schrank)

- - - - - - - - QC NB PE NS - -

Superfamily Reduvioidea

Key to families and subfamilies: Usinger 1944.

Family REDUVIIDAE

Catalogue of taxa: Maldonado-Capriles 1990 [world].

Key to taxa: Fracker 1912 [North America].

Assassin bugs. Mostly active predators, with some blood feeding on vertebrate hosts. Head usually with ocelli, but lacking trichobothria; rostrum usually a stout, three-segmented and with first segment curving away from head in side view. Prosternum with a characteristic median longitudinal groove that is minutely transversely striated. Forewing lacking costal fracture; membrane usually with two complete cells and a few veins emanating posteriorly. First abdominal segment with paired Brindley's gland opening dorso-laterally on thoraco-abdominal junction. Male genitalia usually symmetrical; female ovipositor usually plate-like.

Subfamily APIOMERINAEKey to genera: Costa Lima *et al.* 1948 [world].**Genus APIOMERUS** Hahn

Key to species: Szerlip 1980.

A. crassipes crassipes (Fabricius)

- - - - BC? - - - - - - - -

Subfamily EMESINAE

Key to tribes, genera and species: Wygodzinsky 1966.

Tribe Metapterini

Genus BARCE Stål

| | | | | | | | | | | | | | | | |
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| <i>B. fraterna</i> (Say) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - |
| <i>B. uhleri</i> Banks | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |

Genus EMESAYA McAtee & Malloch

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|
| <i>E. brevipennis brevipennis</i> (Say) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
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Tribe Plotariolini

Genus EMPICORIS Wolff

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| <i>E. culiciformis</i> (DeGeer) | - | - | - | - | BC* | - | - | - | ON* | - | - | - | - | - | - |
| <i>E. errabundus</i> (Say) | - | - | - | - | BC | - | - | MB | ON | QC | - | - | NS | - | - |
| <i>E. orthoneuron</i> McAtee & Malloch | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>E. parshleyi</i> (Bergroth) | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>E. pilosus</i> (Fieber) | - | - | - | - | BC* | - | - | - | ON* | QC* | - | - | NS* | - | - |
| <i>E. rubromaculatus</i> (Blackburn) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>E. vagabundus</i> (Linnaeus) | - | - | - | - | BC* | - | - | - | ON* | QC* | - | PE* | NS* | NF* | - |

Subfamily HARPACTORINAE

Genus ACHOLLA Stål

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|---------------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|
| <i>A. multispinosa</i> (DeGeer) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
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Genus ARILUS Hahn

| | | | | | | | | | | | | | | | |
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| <i>A. cristatus</i> (Linnaeus) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
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Genus FITCHIA Stål

Key to species: McPherson *et al.* 1992.

| | | | | | | | | | | | | | | | |
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| <i>F. aptera</i> Stål | - | - | - | - | - | - | - | - | ON | QC | NB | - | - | - | - |
| <i>F. spinosula</i> Stål | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - |

Genus PSELLIOPUS Bergroth

Key to species: Barber 1924 [USA].

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| <i>P. spinicollis</i> (Champion) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
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Genus RHYNOCORIS Hahn

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| <i>R. leucospilus</i> (Stål) | AK | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>R. ventralis ventralis</i> (Say) | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |

Genus SINEA Amyot & Serville

Key to species: Caudell 1901.

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|--|---|---|----|---|----|----|----|----|----|----|----|---|----|---|---|
| <i>S. diadema</i> (Fabricius)
spined assassin bug | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - |
|--|---|---|----|---|----|----|----|----|----|----|----|---|----|---|---|

Genus ZELUS Fabricius

Key to species: Hart 1986 [North America].

(Subgenus PINDUS Stål)

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| <i>Z. tetracanthus</i> Stål | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - |
|-----------------------------|---|---|---|---|----|----|----|----|----|----|----|---|----|---|---|

(Subgenus ZELUS Fabricius)

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| <i>Z. luridus</i> Stål | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
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Subfamily PEIRATINAE

Genus MELANOLESTES Stål

M. picipes (Herrich-Schaeffer) QC

Subfamily REDUVIINAE

Key to genera: Lent & Wygodzinsky 1947 [New World].

Genus REDUVIUS Fabricius

Key to species: Wygodzinsky & Usinger 1964 [North America].

R. personatus (Linnaeus) BC ON QC NB
 masked hunter; chasseur masqué

Subfamily STENOPODAINAE

Key to genera and species: Barber 1930 [New World].

Genus PYGOLAMPIS Germar

P. pectoralis (Say) AB MB ON QC NB
P. sericea Stål BC ON QC

Genus STENOPODA Laporte

S. cinerea Laporte NB

Family PHYMATIDAE

Key to taxa: Kormilev 1962 [world].

Ambush bugs. Cryptically coloured ambush predators, usually found hidden in flower heads. Stout bodied with greatly enlarged fore femora; fore tibiae and tarsus fused, often lying in scrobe on femur. Fourth antennal segment clavate. Prosternum with a median longitudinal groove that is minutely transversely striate.

Subfamily PHYMATINAE

Genus PHYMATA Latreille

(Subgenus PHYMATA Latreille)

P. americana americana Melin AB SK MB ON QC
P. americana metcalfi Evans BC
P. pennsylvanica Handlirsch BC ON QC
P. vicina vicina Handlirsch BC AB SK MB

Infraorder Pentatomomorpha

Key to superfamilies: Henry 1997a.

Superfamily Aradoidea

Family ARADIDAE

Key to subfamilies, genera and species: Usinger & Matsuda 1959 [world].

List of species: Kormilev & Froeschner 1987 [world].

Flatbugs. Usually found under bark of dead trees, feeding in fungi. Dorso-ventrally flattened, brownish or blackish, elongate oval in shape, with granular surface; ocelli lacking; antennae stout.

Subfamily ANEURINAE

Genus ANEURUS Curtis

Key to species: Picchi 1977 [North America].

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| <i>A. borealis</i> Picchi | AK | YK | - | - | BC | AB | SK | - | ON | QC | - | - | - | - | - |
| <i>A. inconstans</i> Uhler | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | NS | - | - |
| <i>A. simplex</i> Uhler | AK | YK | NT | - | BC | AB | - | MB | ON | QC | - | - | NS | - | LB |

Subfamily ARADINAE

Genus ARADUS Fabricius

Key to species: Matsuda 1977 [Canada].

(Subgenus ARADUS Fabricius)

| | | | | | | | | | | | | | | | |
|--|----|----|----|---|-----|----|----|----|----|----|----|---|----|----|----|
| <i>A. abbas</i> Bergroth | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | - |
| <i>A. acutus</i> Say | AK | - | - | - | - | - | - | MB | - | - | - | - | - | - | - |
| <i>A. aequalis</i> Say | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>A. alaskanus</i> Kormilev & Heiss | AK | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. antennalis</i> Parshley | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>A. approximatus</i> Parshley | - | - | - | - | BC | - | - | MB | - | QC | - | - | - | - | - |
| <i>A. basalis</i> Parshley | - | - | - | - | - | - | - | - | - | QC | NB | - | - | - | - |
| <i>A. behrensii</i> Bergroth | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>A. blaisdelli</i> Van Duzee | - | - | - | - | BC | - | SK | - | - | - | - | - | - | - | - |
| <i>A. borealis</i> Heidemann | - | YK | - | - | - | - | SK | MB | ON | QC | - | - | - | - | - |
| <i>A. coarctatus</i> Heidemann | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>A. compressus</i> Heidemann | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>A. crenatus</i> Say | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>A. debilis</i> Uhler | - | - | NT | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>A. depictus</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>A. duzei</i> Bergroth | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>A. falleni</i> Stål | - | - | - | - | BC? | - | - | - | - | - | - | - | - | - | - |
| <i>A. funestus</i> Bergroth | AK | YK | - | - | BC | AB | - | - | ON | QC | - | - | - | - | - |
| <i>A. fuscumaculatus</i> Stål | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>A. gracilis</i> Parshley | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - |
| <i>A. implanus</i> Parshley | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>A. inornatus</i> Uhler | - | - | - | - | - | - | SK | MB | ON | QC | - | - | - | - | - |
| <i>A. insolitus</i> Van Duzee | - | - | - | - | BC | AB | - | - | ON | - | - | - | - | - | - |
| <i>A. intectus</i> Parshley | - | YK | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>A. kormilevi</i> Heiss
pine flat bug | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - |
| <i>A. lugubris lugubris</i> Fallén | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | NS | NF | LB |

| | | | | | | | | | | | | | | | | | |
|---|----|----|----|---|----|----|----|----|----|----|----|---|----|----|----|---|---|
| <i>Aradus lugubris nigricornis</i> Reuter | AK | - | NT | - | BC | - | - | - | ON | - | - | - | - | - | - | - | - |
| <i>A. medioximus</i> Parshley | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. montanus</i> Bergroth | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - | - |
| <i>A. paganicus</i> Parshley | - | - | - | - | BC | - | - | - | ON | - | - | - | - | - | - | - | - |
| <i>A. parshleyi</i> Van Duzee | - | - | NT | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. parvicornis</i> Parshley | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. persimilis</i> Van Duzee | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | NF | - | - |
| <i>A. proboscideus</i> Walker | AK | - | - | - | BC | AB | - | MB | ON | QC | NB | - | NS | - | LB | - | - |
| <i>A. quadrilineatus</i> Say | - | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - | - | - |
| <i>A. robustus</i> Uhler | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - | - | - |
| <i>A. saileri</i> Kormilev | AK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. saskatchewanensis</i> Matsuda | - | - | - | - | - | - | SK | - | - | - | - | - | - | - | - | - | - |
| <i>A. serratus</i> Usinger | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. shermani</i> Heidemann | - | YK | - | - | - | - | SK | - | ON | QC | - | - | - | - | - | - | - |
| <i>A. signaticornis</i> Sehberg | AK | YK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. similis</i> Say | AK | - | - | - | BC | - | - | - | ON | QC | - | - | NS | - | - | - | - |
| <i>A. taylori</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. tuberculifer</i> Kirby | AK | YK | NT | - | BC | AB | - | MB | ON | QC | - | - | - | NF | - | - | - |
| <i>A. uniannulatus</i> Parshley | - | YK | NT | - | - | AB | - | MB | ON | QC | - | - | - | - | - | - | - |
| <i>A. uniformis</i> Heidemann | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - |
| <i>A. vadosus</i> Van Duzee | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| (Subgenus <i>QUINUS</i> Stål) | | | | | | | | | | | | | | | | | |
| <i>A. heidemannii</i> Bergroth | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. niger</i> Stål | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - | - | - |
| <i>A. nigrinus canadensis</i> Parshley | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - |

Subfamily MEZIRINAE

Genus *MEZIRA* Amyot & Serville

Key to species: Usinger 1936.

M. pacifica Usinger

- - - - BC - - - - - - - - - - [r]

Superfamily Coreoidea

Family ALYDIDAE

Key to genera: Stål 1868 [New World].

Broad headed bugs. Plant feeders. Elongate, with slender body; broad and prominent head with ocelli; bucculae not extending beyond base of antennae; membrane of forewing with numerous veins; metathoracic scent-glands usually with conspicuous lateral opening. Larvae are ant mimics.

Subfamily ALYDINAE

Key to taxa: Fracker 1918.

Genus *ALYDUS* Fabricius

| | | | | | | | | | | | | | | | | | |
|---|----|----|----|---|----|----|----|----|----|----|----|----|----|---|---|---|---|
| <i>A. calcaratus</i> (Linnaeus) | AK | - | - | - | BC | AB | SK | MB | - | QC | - | - | - | - | - | - | - |
| <i>A. conspersus conspersus</i> Montandon | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | - | - | - | - | - |
| <i>A. conspersus infuscatus</i> Fracker | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. eunus eunus</i> (Say) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - | - | - |
| <i>A. eunus obesus</i> Fraker | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. scutellatus</i> Van Duzee | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - |

Genus MEGALOTOMUS Fieber

M. quinquespinosus (Say) - - - - BC AB SK MB ON QC - - - -

Genus STACHYOCNEMUS Stål

S. apicalis (Dallas) - - - - - AB - - - - -

Genus TOLLIUS Stål

T. curtulus (Stål) - - - - BC AB SK - - - - -

T. setosus Van Duzee - - - - BC - - - - - [r]

Subfamily MICROELYTRINAE**Genus PROTENOR** Stål

P. belfragei Haglund - - - - - SK MB ON QC NB PE - - -

Family COREIDAE

Key to subfamilies and tribes: Packauskas 1994 [New World].

Key to genera: Stål 1868 [New World].

Squash bugs and allies. Phytophagous, often pests. Body broad, robust, brownish; head with ocelli; bucculae extending posteriorly beyond base of antennae; membrane of forewing with many veins; metathoracic scent-glands with large openings laterally; hind femur often with spines; hind tibia sometimes with lateral expansions.

Subfamily COREINAE**Tribe Acanthocephalini****Genus ACANTHOCEPHALA** Laporte

(Subgenus METAPODIESSA Kirkaldy)

A. terminalis (Dallas) - - - - - ON - - - - - [r]

Tribe Acanthocerini

Generic revision: O'Shea 1980.

Genus EUTHOCHTHA Mayr

E. galeator (Fabricius) - - - - - ON - - - - -

Tribe Anisoscelidini

Key to genera: Hussey 1953, Osuna 1984.

Genus LEPTOGLOSSUS Guérin-Ménéville

Key to species: Allen 1969 [North America].

L. occidentalis Heidemann - - - - BC AB SK - ON* - NB* - - - - [F]
western conifer-seed bug

Tribe Chelinideini**Genus CHELINIDEA** Uhler

Key to species: Herring 1980.

C. vittigera Uhler - - - - - AB SK - - - - -

Tribe Coreini

Genus ANASA Amyot & Serville

Key to species: Brailovsky 1985.

A. armigera (Say)

- - - - - ON QC - - - - - [A]

A. tristis (DeGeer)

squash bug; punaise de la courge

- - - - BC - - - ON QC NB PE - - - [A]

Genus CATORHINTHA Stål

C. mendica Stål

- - - - - MB ON - - - - -

Genus NISOSCOLOPOCERUS Barber

N. apiculatus Barber

- - - - - AB SK MB - - - - - [r]

Subfamily MEROPACHYDINAE

Key to tribes, genera and species: Kormilev 1954.

Tribe Merocorini

Genus MEROCORIS Perty

M. distinctus Dallas

- - - - - AB SK MB ON QC - - - - -

Subfamily PSEUDOPHLOEINAE

Genus CERALEPTUS Costa

Key to species: Froeschner 1963 [Western Hemisphere].

C. denticulatus Froeschner

- - - - BC - - - - -

C. pacificus Barber

- - - - BC - - - - -

Genus CORIOMERIS Westwood

Key to species: Dolling & Yonke 1976.

C. humilis (Uhler)

AK YK NT - BC AB SK MB ON QC - - - - -

C. insularis Dolling & Yonke

- - - - BC - - - - - [r]

Family RHOPALIDAE

Catalogue of species: Gollner-Scheiding 1983.

Key to subfamilies, tribes and genera: Chopra 1967.

Key to genera and species: Hoebeke & Wheeler 1982 [eastern North America].

Scentless plant bugs. Phytophagous. Head with large raised ocelli; corium with closed cells; membrane with numerous veins; metathoracic scent-gland openings absent or very small.

Subfamily RHOPALINAE

Tribe Harmostini

Genus AUFEIUS Stål

A. impressicollis Stål

- - - - BC - - - - - [r]

Genus HARMOSTES Burmeister

Key to species: Gollner-Scheiding 1978.

(Subgenus HARMOSTES Burmeister)

H. dorsalis Burmeister

- - - - BC - - - - - [r]

H. reflexulus (Say)

- - - - BC AB SK - ON QC - - - - -

Tribe Neisthreini

Genus ARHYSSUS Stål

Key to species: Chopra 1968.

| | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|-----|
| <i>A. barberi</i> Harris | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>A. crassus</i> Harris | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |
| <i>A. distinctus</i> Chopra | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>A. lateralis</i> (Say) | - | - | - | - | - | - | SK | MB | ON | QC | NB | - | - | - | - | - |
| <i>A. nigristernum</i> (Signoret) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| <i>A. scutatus</i> (Stål) | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - |
| <i>A. validus</i> (Uhler) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | [r] |

Tribe Rhopalini

Genus LIORHYSSUS Stål

Key to species: Göllner-Scheiding 1976.

| | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|----|---|---|----|----|---|---|---|---|---|---|---|
| <i>L. hyalinus</i> (Fabricius) | - | - | - | - | BC | - | - | MB | ON | - | - | - | - | - | - | - |
|--------------------------------|---|---|---|---|----|---|---|----|----|---|---|---|---|---|---|---|

Genus STICTOPLEURUS Stål

Key to species: Göllner-Scheiding 1975.

| | | | | | | | | | | | | | | | | |
|----------------------------------|----|----|----|---|----|----|----|----|----|----|----|----|----|----|---|---|
| <i>S. plutonius</i> (Baker) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |
| <i>S. punctiventris</i> (Dallas) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - | - |
| <i>S. viridicatus</i> (Uhler) | - | YK | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - | - |

Subfamily SERINETHINAE

Genus BOISEA Kirkaldy

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|----|----|----|----|----|---|---|---|---|---|---|---|
| <i>B. rubrolineata</i> (Barber) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - |
| western boxelder bug | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>B. trivittata</i> (Say) | - | - | - | - | - | AB | SK | MB | ON | - | - | - | - | - | - | - |
| boxelder bug; punaise de l'érable négondo | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Superfamily Lygaeoidea

Revised classification of superfamily and key to families: Henry 1997a.

Catalogue of taxa: Slater 1964 [as Lygaeidae *sensu lato*, excluding Berytidae; world].Regional guide: Bédard & Robert 1963, 1964 [as Lygaeidae *sensu lato*, Québec].

Family ARTHENEIDAE

Head with ocelli, but these not circled by groove; pronotum with lateral margins explanate or with a wide flattened carina; hemelytral membrane with 4-5 simple veins; tarsi 3-segmented; abdominal spiracles on segment 2 dorsal, on segments 3 and 4 ventral; trichobothria present on abdominal sterna 4 and 5; male abdominal sternum 7 without clusters or comb of setae ventrally.

Genus CHILACIS Fieber

| | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|-----|---|---|---|-----|---|---|---|---|---|---|---|
| <i>C. typhae</i> (Perris) | - | - | - | - | BC* | - | - | - | ON* | - | - | - | - | - | - | - |
|---------------------------|---|---|---|---|-----|---|---|---|-----|---|---|---|---|---|---|---|

Family BERYTIDAE

Key to genera: Henry 1997b [world].

Key to genera and species: Scudder 1991 [Canada].

Stilt bugs. Phytophagous, but sometimes predaceous. Body very slender and elongate; head with ocelli nearly encircled by distinct groove; antennae long, 4-segmented, with first segment elongate, slender, often clavate, subequal in thickness to and nearly always longer than segments 2 and 3; rostrum 4-segmented; legs elongate; abdominal spiracles dorsal.

Subfamily BERYTINAE

Genus BERYTINUS Kirkaldy

B. minor (Herrich-Schaeffer) - - - - - ON* QC* NB* PE* NS* NF* -

Genus NEONEIDES Stusak

N. muticus (Say) - - - - BC AB SK MB ON QC NB - NS - -

Subfamily GAMPSOCORINAE

Genus HOPLINUS Stål

H. echinata (Uhler) - - - - BC - - - - - [r]

Subfamily METACANTHINAE

Genus JALYSUS Stål

J. spinosus (Say) - - - - - ON - - - - -

J. wickhami Van Duzee - - - - BC - - MB ON QC - - - - -

Family BLISSIDAE

Key to genera: Slater 1979 [world].

Head with ocelli not encircled by a groove; pronotal calli without impressed transverse grooves; scutellum without a cross-shaped carina; membrane with 4-5 veins; spiracles on abdominal segment 8 ventral; abdominal terga transverse, sutures never curved forward.

Genus BLISSUS Burmeister

Key to species: Leonard 1968 [eastern North America].

B. arenarius Barber - - - - - NB PE NS - -

B. canadensis Leonard - - - - AB SK MB - - - - -

B. leucopterus hirtus Montandon - - - - - ON QC NB PE NS NF - [A]
hairy cinch bug; punaise velue

B. occidentalis Barber - - - - BC - - - - - [A]
western cinch bug; punaise de l'ouest

Genus ISCHNODEMUS Fieber

Key to species: Slater 1979.

I. falicus (Say) - - - - - ON QC NB - NS - -

I. hesperius Parshley - - - - MB - - - - -

Family CYMIDAE

Key to taxa: Hamid 1975 [world].

Head with ocelli nearly encircled by distinct furrow; bucculae short; first antennal segment short, stout and barrel-shaped; hemelytra distinctly punctate on clavus and corium; corium opaque throughout, never notched; hemelytral membrane with 4 or 5 simple veins; trichobothria present on abdominal sterna 2 to 7; abdominal spiracles dorsal; tarsi with 3 segments.

Tribe Cymini

Genus CYMUS Hahn

Key to species: Hamid 1975.

| | | | | | | | | | | | | | | | |
|--------------------------------|---|---|----|---|----|----|----|----|----|----|----|----|----|----|---|
| <i>C. angustatus</i> Stål | - | - | - | - | - | - | - | MB | ON | QC | NB | PE | NS | - | - |
| <i>C. coriicipennis</i> (Stål) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>C. discors</i> Horváth | - | - | - | - | - | - | - | MB | ON | QC | NB | - | NS | - | - |
| <i>C. luridus</i> Stål | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - |
| <i>C. robustus</i> Barber | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |

Family GEOCORIDAE

Key to genera: McAtee 1914, Readio & Sweet 1982 [Nearctic].

Head with prominent eyes; ocelli not encircled by a groove; hemelytral membrane with 4 or 5 simple veins; spiracles of abdominal segments 3 and 4 dorsal, those of segments 5 and 6 ventral; sutures between terga 4/5 and 5/6 curved forward in middle.

Genus GEOCORIS Fallén

Key to species: Readio & Sweet 1982 [eastern North America].

| | | | | | | | | | | | | | | | |
|-------------------------------|----|----|----|---|-----|----|----|----|----|----|----|---|----|----|----|
| <i>G. atricolor</i> Montandon | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>G. bullatus</i> (Say) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | LB |
| <i>G. discopterus</i> Stål | - | YK | - | - | BC | AB | SK | - | - | - | - | - | - | - | - |
| <i>G. howardi</i> Montandon | AK | YK | NT | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>G. limbatus</i> Stål | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - |
| <i>G. lividipennis</i> Stål | - | - | - | - | BC? | - | - | - | - | - | - | - | - | - | - |
| <i>G. pallens</i> Stål | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>G. punctipes</i> (Say) | - | - | - | - | ⊗ | - | - | - | - | - | - | - | - | - | - |
| <i>G. uliginosus</i> (Say) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | NF | - |

Genus ISTHMOCORIS McAtee

Key to species: McAtee 1914, Readio & Sweet 1982.

| | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|-----|
| <i>I. piceus</i> (Say) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
|------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|-----|

Family HETEROGASTRIDAE

Key to genera: Scudder 1962b [world].

Head without trichobothria; fore femur weakly incrassate; hemelytral membrane with 4 or 5 simple veins, with a distinct closed cell; all abdominal spiracles ventral.

Genus HETEROGASTER Schilling

| | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|
| <i>H. behrensii</i> (Uhler) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
|-----------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|

Family LYGAEIDAE

Catalogue: Slater 1964, Slater & O'Donnell 1995 [Lygaeidae sensu lato; world].

Head with each ocelli not encircled by groove; each pronotal callus with an impressed, transverse, usually shiny groove; scutellum usually with a cross-shaped carina; spiracles of abdominal segments 2 to 7 dorsal; all abdominal terga transverse, sutures never curved forward; trichobothria present on sterna 4 and 5.

Subfamily ISCHNORHYNCHINAE

Key to genera: Scudder 1962c [world].

Genus KLEIDOCERYX Stephens

Key to species: Barber 1953 [North America], Scudder 1962b [world].

| | | | | | | | | | | | | | | | | | | | |
|--|----|----|----|---|----|----|----|----|----|----|----|---|----|----|----|---|---|---|---|
| <i>K. franciscanus</i> (Stål) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>K. modestus</i> Barber | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>K. ovalis</i> Barber | - | - | - | - | BC | - | - | - | ON | - | - | - | - | - | - | - | - | - | - |
| <i>K. resedae fuscomaculatus</i> Barber | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>K. resedae geminatus</i> (Say) | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - | - | - | - | - |
| birch catkin bug; punaise des chatons du bouleau | | | | | | | | | | | | | | | | | | | |
| <i>K. resedae resedae</i> (Panzer) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | LB | - | - | - | - |

Subfamily LYGAEINAE

Key to genera: Ashlock 1975, Brailovsky 1978a [North America].

Genus LYGAEOSPILUS Barber

Key to species: Scudder 1981.

| | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|----|---|----|----|---|----|---|---|---|---|---|---|---|---|-----|
| <i>L. brevipilus</i> Scudder | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | [r] |
| <i>L. tripunctatus</i> (Dallas) | - | - | - | - | - | - | SK | MB | - | QC | - | - | - | - | - | - | - | - | - |

Genus LYGAEUS Fabricius

Key to species: Brailovsky 1978b [Western Hemisphere], Torre-Bueno 1946 [USA].

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|----|----|----|----|----|----|---|---|----|---|---|---|---|---|---|
| <i>L. kalmii angustomarginatus</i> Parshley | - | - | - | - | - | - | - | MB | ON | QC | - | - | NS | - | - | - | - | - | - |
| <i>L. kalmii kalmii</i> Stål | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>L. turcicus</i> Fabricius | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |

Genus MELACORYPHUS Slater

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|----|---|----|---|---|---|---|---|---|---|---|---|---|---|---|
| <i>M. lateralis</i> (Dallas) | - | - | - | - | BC | - | SK | - | - | - | - | - | - | - | - | - | - | - | - |
|------------------------------|---|---|---|---|----|---|----|---|---|---|---|---|---|---|---|---|---|---|---|

Genus MELANOPLEURUS Stål

Key to species: Scudder 1981.

| | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|----|----|----|----|---|---|---|---|---|---|---|---|---|---|-----|
| <i>M. perplexus</i> Scudder | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. pyropterus</i> (Stål) | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - | - | - | [r] |

Genus NEACORYPHUS Scudder

| | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|----|---|---|---|----|---|---|---|---|---|---|---|---|---|---|
| <i>N. bicrucis</i> (Say) | - | - | - | - | BC | - | - | - | ON | - | - | - | - | - | - | - | - | - | - |
|--------------------------|---|---|---|---|----|---|---|---|----|---|---|---|---|---|---|---|---|---|---|

Genus ONCOPELTUS Stål

Key to species: Torre-Bueno 1946 [North America].

(Subgenus ERYTHRISCHIUS Stål)

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|---|---|---|---|
| <i>O. fasciatus</i> (Dallas) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
| large milkweed bug; punaise de l'asclepiade | | | | | | | | | | | | | | | | | | | |

Subfamily ORSILLINAE

Key to tribes and genera: Ashlock 1967 [world].

Tribe Metrargini

Genus XYONYSIUS Ashlock & Lattin

Key to species: Barber 1947.

| | | | | | | | | | | | | | | | |
|--|---|---|---|---|----|----|----|----|----|---|---|---|---|---|---|
| <i>X. californicus alabamensis</i> (Baker) | - | - | - | - | - | AB | SK | MB | ON | - | - | - | - | - | - |
| <i>X. californicus californicus</i> (Stål) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |

Tribe Nysiini

Genus NYSIUS Dallas

Key to species: Barber 1947 [North America].

| | | | | | | | | | | | | | | | |
|---|----|----|----|---|----|----|----|----|----|----|----|----|---|----|-----|
| <i>N. angustatus</i> Uhler | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | - | - | - | - |
| <i>N. fuscovittatus</i> Barber | AK | YK | - | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>N. grandis</i> Baker | - | - | - | - | - | AB | - | MB | - | - | - | - | - | - | - |
| <i>N. groenlandicus</i> (Zetterstedt) | AK | YK | - | - | - | - | - | MB | ON | QC | - | PE | - | NF | LB |
| <i>N. niger</i> Baker
northern false cinch bug | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | - | NF | - |
| <i>N. paludicola</i> Barber | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
| <i>N. raphanus</i> Howard | - | - | - | - | BC | AB | SK | - | ON | - | - | - | - | - | - |
| <i>N. tenellus</i> Barber | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>N. thymi</i> (Wolff) | AK | YK | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - |

Tribe Orsillini

Genus BELONCHILUS Uhler

| | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|-----|
| <i>B. numenius</i> (Say) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
|--------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|-----|

Genus NEORTHOLOMUS Hamilton

Key to species: S.W. Hamilton 1983.

| | | | | | | | | | | | | | | | |
|--------------------------|---|---|----|---|----|----|----|----|----|----|----|----|----|---|---|
| <i>N. scolopax</i> (Say) | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - |
|--------------------------|---|---|----|---|----|----|----|----|----|----|----|----|----|---|---|

Family OXYCARENIDAE

Key to genera: Barber 1917, Torre Bueno 1946 [North America].

Head with each ocellus not encircled by groove; pronotum with lateral margins rounded or at most weakly carinate; membrane with 4 or 5 veins; female with abdomen truncate caudally; male with transverse cones or clusters of setae on sternum 7; spiracles of abdominal segments 3 and 4 ventral, that on segment 2 dorsal.

Genus CROPHIUS Stål

Key to species: Barber 1938.

| | | | | | | | | | | | | | | | |
|--------------------------------|----|----|----|---|----|----|----|----|----|----|----|---|---|---|----|
| <i>C. angustatus</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>C. bohemani</i> (Stål) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>C. disconotus</i> (Say) | - | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | - | - | - | LB |
| <i>C. ramosus</i> Barber | AK | YK | - | - | BC | AB | SK | - | - | - | - | - | - | - | - |

Family PACHYGRONTHIDAE

Key to taxa: Slater 1955 [world].

Head without trichobothria; fore femur strongly incrassate; membrane with 4 or 5 veins, without closed basal cell; abdominal spiracles ventral; female with ovipositor dividing sterna 6 and 7.

Tribe Pachygronthini

Genus OEDANCALA Amyot & Serville

O. dorsalis (Say) - - - - - ON QC - - - - -

Tribe Teracriini

Genus PHLEGYAS Stål

P. abbreviatus (Uhler) - - - - - MB ON QC NB - NS - - -

P. annulicrus Stål - - - - - BC - - - - -

Family RHYPAROCHROMIDAE

Key to tribes: Sweet 1967.

Head with trichobothria; membrane with 4 or 5 veins; spiracle of abdominal segment 2 ventral; female with ovipositor dividing sternum 7 only; suture between sterna 4 and 5 usually curving anteriorly and ending before lateral abdominal margin.

Subfamily PLINTHISINAE

Tribe Plinthisini

Genus PLINTHISUS Stephens

Key to species: Barber 1918.

P. americanus Van Duzee - - - - - AB SK MB ON QC NB - - - - -

P. indentatus Barber - - - - - SK - - - - - [r]

Subfamily RHYPAROCHROMINAE

Tribe Antillocorini

Key to genera: Slater 1980 [New World].

Genus ANTILLOCORIS Kirkaldy

Key to species: Barber 1952a.

A. minutus (Bergroth) - - - - - ON QC NB - NS NF -

A. pilosulus (Stål) - - - - - ON QC - - - - -

Genus BOTOCUDO Kirkaldy

B. modestus (Barber) - - - - - BC - - - - - [r]

Tribe Drymini

Key to genera: Ashlock 1979 [North America].

Genus DRYMUS Fieber

D. crassus Van Duzee - - - - - ON QC - - - - -

D. unus (Say) - - - - - SK MB ON QC NB PE NS - -

Genus EREMOCORIS Fieber

Key to species: Sweet 1977 [eastern North America]; Walley 1929 [North America].

| | AK | YK | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | LB |
|------------------------------|----|----|---|---|----|----|----|----|----|----|----|---|----|----|-----|
| <i>E. borealis</i> (Dallas) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
| <i>E. canadensis</i> Walley | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | |
| <i>E. ferus</i> (Say) | - | - | - | - | BC | - | - | - | ON | QC | - | - | NS | - | |
| <i>E. melanotus</i> Walley | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | |
| <i>E. obscurus</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | |
| <i>E. setosus</i> Blatchley | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | [r] |

Genus GASTRODES Westwood

Key to species: Usinger 1938.

| | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|----|---|---|---|----|---|---|---|---|---|-----|
| <i>G. grossipes</i> (DeGeer) | - | - | - | - | - | - | - | - | \$ | - | - | - | - | - | |
| <i>G. intermedius</i> Usinger | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
| <i>G. pacificus</i> (Provancher) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | |
| <i>G. walleyi</i> Usinger | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |

Genus SCOLOPOSTETHUS Fieber

| | | | | | | | | | | | | | | | |
|------------------------------|----|----|----|---|----|----|----|----|----|----|----|----|----|----|-----|
| <i>S. atlanticus</i> Horváth | - | - | - | - | BC | - | - | MB | ON | QC | - | - | - | NF | - |
| <i>S. diffidens</i> Horváth | - | - | - | - | BC | - | - | - | ON | QC | - | - | NS | - | |
| <i>S. pacificus</i> Barber | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | |
| <i>S. thomsoni</i> Reuter | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | LB |
| <i>S. tropicus</i> (Distant) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |

Tribe Gonianotini

Key to genera: Kiritshenko & Scudder 1973 [world].

Genus ATRAZONOTUS Slater & Ashlock

| | | | | | | | | | | | | | | | |
|------------------------------|---|---|----|---|---|---|----|----|----|---|---|---|---|---|--|
| <i>A. umbrosus</i> (Distant) | - | - | NT | - | - | - | SK | MB | ON | - | - | - | - | - | |
|------------------------------|---|---|----|---|---|---|----|----|----|---|---|---|---|---|--|

Genus EMBLETHIS Fieber

| | | | | | | | | | | | | | | | |
|----------------------------|----|----|----|---|----|----|----|----|----|----|---|---|---|---|--|
| <i>E. vicarius</i> Horváth | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | - | |
|----------------------------|----|----|----|---|----|----|----|----|----|----|---|---|---|---|--|

Genus MALEZONOTUS Barber

Key to species: Ashlock 1958.

| | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|
| <i>M. angustatus</i> (Van Duzee) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | |
| <i>M. arcuatus</i> Ashlock | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
| <i>M. grossus</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
| <i>M. sodalicus</i> (Uhler) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | |

Genus TRAPEZONOTUS Fieber

| | | | | | | | | | | | | | | | |
|--------------------------------|---|----|----|---|----|----|----|----|----|----|---|---|---|---|--|
| <i>T. arenarius</i> (Linnaeus) | - | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | - | |
|--------------------------------|---|----|----|---|----|----|----|----|----|----|---|---|---|---|--|

Tribe Lethaeini

Key to taxa: O'Donnell 1986 [western hemisphere].

Genus CRYPHULA Stål

Key to species: Scudder 1962a.

| | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|-----|
| <i>C. trimaculata</i> (Distant) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |
|---------------------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|-----|

Genus XESTOCORIS Van Duzee

| | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|----|---|
| <i>X. nitens</i> Van Duzee | - | - | - | - | - | - | - | - | ON | QC | - | - | - | NF | - |
|----------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|----|---|

Tribe Megalonotini**Genus LAMPRODEMA** Fieber

| | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|-----|---|--|
| <i>L. maurum</i> (Fabricius) | - | - | - | - | - | - | - | - | - | - | - | - | NS* | - | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|-----|---|--|

Genus MEGALONOTUS Fieber

M. sabulicola (Thomson) - - - - BC* - - - ON* - - - - -

Genus SPHRAGISTICUS Stål

S. nebulosus (Fallén) AK YK NT - BC AB SK MB ON QC - - NS - -

Tribe Myodochini

Key to genera: Harrington 1980 [world].

Genus CARPILIS Stål

C. consimilis Barber - - - - - QC - - - - - [r]

Genus FROESCHNERIA Harrington

F. piligera (Stål) - - - - - ON - - - - -

Genus HERAEUS Stål

H. plebejus Stål - - - - - ON QC - - - - -

Genus KOLENETRUS Barber

K. plenus (Distant) - YK - - BC AB SK - ON QC - - - - -

Genus LIGYROCORIS Stål

Key to species: Sweet 1986 [eastern North America].

L. carcis Sweet - - - - - QC - - - - -

L. depictus Barber - - - - - QC - - - - -

L. diffusus (Uhler) - YK NT - BC AB SK MB ON QC NB - NS NF -

L. latimarginatus Barber - - - - BC - - - - -

L. sylvestris (Linnaeus) AK YK NT - BC AB SK MB ON QC NB PE NS NF LB

Genus MYODOCHA Latreille

Key to species: Blatchley 1926, Torre-Bueno 1946.

M. serripes Olivier - - - - - ON QC - - - - -

Genus NEOPAMERA Harrington

Key to species: Barber 1952b [as *Pachybrachius*].

N. albocincta (Barber) - - - - - ON - - - - - [r]

N. bilobata bilobata (Say) - - - - - ON - - - - - [r]

Genus PACHYBRACHIUS Hahn

Key to species: Barber 1952b.

P. fracticollis (Schilling) - - - - - QC* - - - - -

P. luridus Hahn - - - - - QC* - - - - -

Genus PERIGENES Distant

Key to species: Torre-Bueno 1946.

P. constrictus (Say) AK - - - - - ON QC - - NS - -

Genus PSEUDOCNEMODUS Barber

P. canadensis (Provancher) - - - - BC - - - ON QC - - - - -

Genus PSEUDOPACHYBRACHIUS Malipatil

Key to species: Zheng & Slater 1984 [world].

| | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|
| <i>P. basalis</i> (Dallas) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
|----------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|

Genus SISAMNES Distant

| | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|
| <i>S. claviger</i> (Uhler) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
|----------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|

Genus SLATEROBIUS HarringtonKey to species: Slater *et al.* 1993.

| | | | | | | | | | | | | | | | |
|----------------------------|----|----|----|---|----|----|----|----|----|----|---|---|----|----|----|
| <i>S. insignis</i> (Uhler) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | NS | NF | LB |
|----------------------------|----|----|----|---|----|----|----|----|----|----|---|---|----|----|----|

Genus ZERIDONEUS Barber

| | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|----|----|----|----|----|----|---|---|---|---|---|
| <i>Z. costalis</i> (Van Duzee) | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - |
|--------------------------------|---|---|---|---|----|----|----|----|----|----|---|---|---|---|---|

Tribe Ozophorini

Key to genera: Ashlock & Slater 1982 [Western Hemisphere].

Genus OZOPHORA Uhler

Key to species: Slater 1988 [western USA].

| | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|----|---|---|---|----|---|---|---|---|---|-----|
| <i>O. occidentalis</i> Slater | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
| <i>O. picturata</i> Uhler | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |

Tribe Rhyparochromini

Key to genera: Scudder 1984, Sweet 1991 [North America].

Genus CORDILLONOTUS Scudder

| | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|
| <i>C. stellatus</i> Scudder | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
|-----------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|

Genus PERITRECHUS Fieber

Key to species: Scudder 1999 [North America].

| | | | | | | | | | | | | | | | | |
|-----------------------------|----|----|----|---|----|----|----|----|----|----|----|----|----|----|---|-----|
| <i>P. convivus</i> Stål | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - | [A] |
| <i>P. fraternus</i> Uhler | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - | |
| <i>P. pilosulus</i> Scudder | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | |
| <i>P. tristis</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | |

Genus UHLERIOLA Horváth

| | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|----|----|----|---|---|---|---|---|---|---|--|
| <i>U. floralis</i> (Uhler) | - | - | - | - | - | AB | SK | MB | - | - | - | - | - | - | - | |
|----------------------------|---|---|---|---|---|----|----|----|---|---|---|---|---|---|---|--|

Tribe Stygnocorini**Genus STYGNOCORIS** Douglas & Scott

Key to species: Southwood & Leston 1959.

| | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|-----|-----|---|---|-----|-----|-----|-----|-----|-----|---|
| <i>S. rusticus</i> (Fallén) | - | - | - | - | BC* | AB* | - | - | ON* | QC* | - | PE* | NS* | NF* | - |
| <i>S. sabulosus</i> (Schilling) | - | - | - | - | BC* | AB* | - | - | ON* | QC* | NB* | PE* | NS* | NF* | - |

Tribe Udeocorini**Genus NEOSURIS** Barber

Key to species: Brailovsky 1978c.

| | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|-----|
| <i>N. castanea</i> (Barber) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | [r] |
|-----------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|-----|

Superfamily Piesmatoidea

Family PIESMATIDAE

Key to genera: Drake & Davis 1958.

Ash-gray leaf bugs. Phytophagous. Head without ocelli; forewing with an irregular network of cells; tarsi with 2 segments; abdominal spiracles dorsal; abdomen with trichobothria lacking on sterna 4 and 5.

Subfamily PIESMATINAE

Genus **PIESMA** Lepeletier & Serville

Key to species: Drake & Davis 1958.

| | | | | | | | | | | | | | | | | |
|-----------------------------|---|----|---|---|----|----|----|----|----|----|---|---|---|---|---|-----|
| <i>P. cinereum</i> (Say) | - | YK | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - | [A] |
| <i>P. costatum</i> (Uhler) | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - |
| <i>P. explanatum</i> McAtee | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - | - |
| <i>P. patrule</i> McAtee | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - | - |

Superfamily Pentatomoidea

Keys and family diagnoses: Rolston & McDonald 1979 [Western Hemisphere].

Key to taxa: McPherson 1982 [eastern North America].

Family ACANTHOSOMATIDAE

Key to genera and species: Thomas 1991.

Acanthosomatids. Phytophagous stinkbugs. Head keeled laterally; antennae 5-segmented; antenniferous tubercles not visible from above; scutellum large and triangular, usually about half or less than half as long as abdomen; mesosternum with a prominent median keel; tarsi with 2 segments.

Subfamily ACANTHOSOMATINAE

Genus **ELASMOTETHUS** Fieber

| | | | | | | | | | | | | | | | | |
|--|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|---|
| <i>E. atricornis</i> (Van Duzee) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - |
| <i>E. cruciatus</i> (Say)
redcrossed stink bug; punaise à croix rouge | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | LB | - |
| <i>E. interstinctus</i> (Linnaeus) | AK | YK | NT | - | BC | - | - | - | - | - | - | - | - | - | - | - |

Genus **ELASMUCHA** Stål

| | | | | | | | | | | | | | | | | |
|---------------------------|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|---|
| <i>E. lateralis</i> (Say) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | LB | - |
|---------------------------|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|---|

Family CYDNIDAE

Key to taxa: Froeschner 1960 [Western Hemisphere].

Burrowing bugs. Phytophagous, usually feeding on roots of plants. Black or reddish with body ovoid and convex; antennae 5-segmented; fore tibia flattened, spiny, adapted for digging; middle and hind tibiae with stout spines; middle and hind coxae with fringe of stiff bristles at tips; ostiolar groove elongate.

Subfamily AMNESTINAE

Genus AMNESTUS Dallas

| | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|----|---|---|---|----|----|---|---|---|---|---|
| <i>A. pallidus</i> Zimmer | - | - | - | - | BC | - | - | - | ON | QC | - | - | - | - | - |
| <i>A. pusillus</i> Uhler | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
| <i>A. spinifrons</i> (Say) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |

Subfamily CYDNINAE

Genus DALLASIELLUS Berg

(Subgenus PSEUDOPANGAEUS Froeschner)

| | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|
| <i>D. discrepans</i> (Uhler) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
|------------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|

Genus MACROPORUS Uhler

| | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|
| <i>M. repetitus</i> Uhler | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
|---------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|

Genus MELANAETHUS Uhler

| | | | | | | | | | | | | | | | |
|-------------------------------------|----|---|---|---|---|---|---|---|----|---|---|---|---|---|-----|
| <i>M. punctatissimus</i> (Signoret) | AK | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>M. robustus</i> Uhler | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | [r] |

Genus MICROPORUS Uhler

| | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|----|----|----|---|---|---|---|---|---|---|-----|
| <i>M. obliquus</i> Uhler | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | [r] |
|--------------------------|---|---|---|---|----|----|----|---|---|---|---|---|---|---|-----|

Genus PANGAEUS Stål

(Subgenus HOMALOPORUS Uhler)

| | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|----|---|---|---|---|-----|
| <i>P. bilineatus</i> (Say) | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | [r] |
|----------------------------|---|---|---|---|---|---|---|---|---|----|---|---|---|---|-----|

Subfamily SEHIRINAE

Genus SEHIRUS Amyot & Serville

| | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|----|---|----|----|----|----|----|----|----|----|----|----|---|
| <i>S. cinctus albonotatus</i> Dallas | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - |
|--------------------------------------|---|---|----|---|----|----|----|----|----|----|----|----|----|----|---|

Family PENTATOMIDAE

Keys and diagnoses for subfamilies: Rolston & McDonald 1979 [Western Hemisphere].

Stink bugs. Phytophagous or predaceous (subfamily Asopinae). Various coloured; body usually broad and ovoid; antennae 5-segmented; scutellum large, usually triangular or subtriangular; claval commissure reduced or absent; mesosternum usually lacking a median carina; tibiae without rows of thick black spines; tarsi 3-segmented.

Subfamily ASOPINAE

Key to genera: Schouteden 1907 [world].

Key to genera and species: Thomas 1992 [Western Hemisphere].

Genus APATETICUS Dallas

(Subgenus APOECILUS Stål)

| | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|---|
| <i>A. bracteatus</i> (Fitch) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - |
| <i>A. cynicus</i> (Say) | - | - | - | - | - | - | - | MB | ON | QC | - | PE | - | NF | - |

Genus PERILLUS Stål

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|----|----|----|----|----|----|----|---|----|----|---|
| <i>P. bioculatus</i> (Fabricius) | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - |
| twospotted stink bug; punaise bimaculée | | | | | | | | | | | | | | | |
| <i>P. circumcinctus</i> Stål | - | - | - | - | - | - | SK | MB | ON | QC | - | - | - | - | - |
| <i>P. exaptus</i> (Say) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | NF | - |

Genus PICROMERUS Amyot & Serville

| | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|---|
| <i>P. bidens</i> (Linnaeus) | - | - | - | - | - | - | - | - | - | ON* | QC* | NB* | PE* | NS* | - |
|-----------------------------|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|---|

Genus PODISUS Herrich-Schaeffer

(Subgenus PODISUS Herrich-Schaeffer)

| | | | | | | | | | | | | | | | |
|-------------------------------|---|---|----|---|----|----|----|----|----|----|----|----|----|----|---|
| <i>P. brevispinus</i> Philps | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - |
| <i>P. maculiventris</i> (Say) | - | - | - | - | - | - | - | MB | ON | QC | NB | PE | NS | NF | - |
| spined soldier bug | | | | | | | | | | | | | | | |
| <i>P. placidus</i> Uhler | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - |
| <i>P. seriiventris</i> Uhler | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - |

Genus RHACOGNATHUS Fieber

| | | | | | | | | | | | | | | | |
|---------------------------|---|---|----|---|---|----|---|----|----|---|---|---|---|---|---|
| <i>R. americanus</i> Stål | - | - | NT | - | - | AB | - | MB | ON | - | - | - | - | - | - |
|---------------------------|---|---|----|---|---|----|---|----|----|---|---|---|---|---|---|

Genus ZICRONA Amyot & Serville

| | | | | | | | | | | | | | | | |
|-------------------------------|----|---|---|---|----|----|----|----|----|----|----|---|---|---|---|
| <i>Z. caerulea</i> (Linnaeus) | AK | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | - | - | - |
|-------------------------------|----|---|---|---|----|----|----|----|----|----|----|---|---|---|---|

Subfamily PENTATOMINAE

Keys and diagnoses of tribes: Rolston & McDonald 1979 [Western Hemisphere].

Tribe Hyalini

Genus BROCHYMENA Amyot & Serville

Key to species: Larivière 1992.

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|----|----|----|----|----|----|----|---|----|---|---|
| <i>B. affinis</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>B. quadripustulata</i> (Fabricius) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - |
| fourhumped stink bug; punaise bossue des bois | | | | | | | | | | | | | | | |

Genus PARABROCHYMENA Larivière

Key to species: Larivière 1994b.

| | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|
| <i>P. arborea</i> (Say) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |
|-------------------------|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|

Tribe Pentatomini

Key to genera: Rolston *et al.* 1980, Rolston & McDonald 1981, 1984 [Western Hemisphere].**Genus ACROSTERNUM** FieberKey to species: Rolston 1983 [subgenus *Chinavia*].(Subgenus *CHINAVIA* Orian)

| | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|----|---|---|---|----|----|---|---|---|---|---|
| <i>A. hilare</i> (Say) | - | - | - | - | BC | - | - | - | ON | QC | - | - | - | - | - |
| <i>A. pensylvanicum</i> (Gmelin) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |

Genus AELIA Fabricius

| | | | | | | | | | | | | | | | |
|----------------------------|----|----|----|---|----|----|----|----|----|---|---|---|---|---|---|
| <i>A. americana</i> Dallas | AK | YK | NT | - | BC | AB | SK | MB | ON | - | - | - | - | - | - |
|----------------------------|----|----|----|---|----|----|----|----|----|---|---|---|---|---|---|

Genus BANASA Stål

Key to species: Thomas & Yonke 1981 [Nearctic].

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|-----|----|----|----|----|----|----|----|----|---|---|
| <i>B. calva</i> (Say) | - | - | - | - | BC? | - | - | - | ON | QC | - | - | - | - | - |
| <i>B. dimidiata</i> (Say) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | - | - |
| <i>banasa</i> stink bug; punaise du cornier | | | | | | | | | | | | | | | |
| <i>B. sordida</i> (Uhler) | - | - | - | - | BC | - | - | - | ON | - | - | - | - | - | - |

Genus CHLOROCHROA Stål

Key to species: Scudder & Thomas 1987 [Canada].

(Subgenus *CHLOROCHROA* Stål)

| | | | | | | | | | | | | | | | |
|-------------------------------------|----|----|----|---|----|-----|----|----|----|----|----|----|----|----|-----|
| <i>C. congrua</i> Uhler | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | - |
| <i>C. granulosa</i> (Uhler) | AK | YK | NT | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>C. ligata</i> (Say) | - | - | NT | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>C. opuntiae</i> Esselbaugh | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | [r] |
| <i>C. persimilis</i> Horváth | - | - | - | - | - | AB? | - | MB | ON | QC | NB | PE | NS | NF | - |
| <i>C. rossiana</i> Buxton & Thomas | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>C. uhleri</i> (Stål) | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | [A] |
| (Subgenus <i>RHYTIDOLOMIA</i> Stål) | | | | | | | | | | | | | | | |
| <i>C. belfragii</i> (Stål) | - | - | - | - | - | - | - | MB | - | - | - | - | - | - | [r] |
| <i>C. faceta</i> (Say) | - | - | - | - | - | AB | SK | - | - | - | - | - | - | - | [r] |
| <i>C. viridicata</i> (Walker) | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | [r] |

Genus CODOPHILA Mulsant & Rey

Key to species: Thomas 1974.

(Subgenus *ANTHEMINIA* Mulsant & Rey)

| | | | | | | | | | | | | | | | |
|----------------------------|---|----|----|---|----|----|----|----|---|---|---|---|---|---|---|
| <i>C. remota</i> (Horváth) | - | YK | NT | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
|----------------------------|---|----|----|---|----|----|----|----|---|---|---|---|---|---|---|

Genus COENUS Dallas

Key to species: Rider 1995.

| | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|----|----|----|----|----|----|----|----|---|---|---|
| <i>C. delius</i> (Say) | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | - | - | - |
|------------------------|---|---|---|---|----|----|----|----|----|----|----|----|---|---|---|

Genus COSMOPEPLA Stål

Key to species: McDonald 1986.

| | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|----|---|----|----|----|----|----|----|----|----|----|----|-----|
| <i>C. bimaculata</i> (Thomas) | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | [A] |
| <i>C. conspicillaris</i> (Dallas) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>C. intergressus</i> (Uhler) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |

Genus DENDROCORIS Bergroth

Key to species: Nelson 1955.

| | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|
| <i>D. pini</i> Montandon | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | [r] |
|--------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|-----|

Genus EUSCHISTUS Dallas

(Subgenus EUSCHISTUS Dallas)

| | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|----|----|----|----|----|----|----|----|----|----|---|---|---|---|-----|
| <i>E. conspersus</i> Uhler | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>E. ictericus</i> (Linnaeus) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>E. politus</i> Uhler | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>E. servus euschistoides</i> (Vollenhoven) | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | NS | - | - | - | - | - | [A] |
| <i>E. tristigmus luridus</i> Dallas
dusky stink bug; punaise à trois taches | - | - | - | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - | - | - | - | - |
| <i>E. variolarius</i> (Palisot)
onespotted stink bug; punaise variée | - | - | - | - | BC | AB | - | - | ON | QC | - | - | - | - | - | - | - | - | [A] |

Genus HOLCOSTETHUS Fieber

Key to species: McDonald 1975, 1982.

| | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|----|---|----|----|----|----|----|----|---|----|----|---|---|---|---|---|---|
| <i>H. abbreviatus</i> Uhler | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>H. fulvipes</i> (Ruckes) | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>H. limbolarius</i> (Stål) | - | - | - | - | BC | AB | SK | MB | ON | QC | - | PE | NS | - | - | - | - | - | - |
| <i>H. piceus</i> (Dallas) | - | - | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - | - | - | - | - |
| <i>H. tristis</i> (Van Duzee) | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | - | - | - | - |

Genus HYMENARCYS Amyot & Serville

Key to species: Rolston 1973b.

| | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|----|---|---|----|---|---|---|---|---|---|---|---|---|
| <i>H. aequalis</i> (Say) | - | - | - | - | - | - | SK | - | - | QC | - | - | - | - | - | - | - | - | - |
| <i>H. nervosa</i> (Say) | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - | - | - | - | - |

Genus MENECLIS Stål

Key to species: Rolston 1973a.

| | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|----|----|---|---|----|---|---|---|---|---|---|
| <i>M. insertus</i> (Say) | - | - | - | - | - | - | - | - | ON | QC | - | - | NS | - | - | - | - | - | - |
|--------------------------|---|---|---|---|---|---|---|---|----|----|---|---|----|---|---|---|---|---|---|

Genus MORMIDEA Amyot & Serville

Key to species: Rolston 1978.

(Subgenus MELANOCHILA Stål)

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|----|----|----|----|----|----|---|---|---|---|---|---|
| <i>M. lugens</i> (Fabricius) | - | - | - | - | - | - | - | MB | ON | QC | NB | PE | NS | - | - | - | - | - | - |
|------------------------------|---|---|---|---|---|---|---|----|----|----|----|----|----|---|---|---|---|---|---|

Genus MURGANTIA Stål*M. histrionica* (Hahn)
harlequin bug; punaise arlequine

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | - | - | - | - | - |
|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|

Genus NEOTTIGLOSSA Kirby

(Subgenus NEOTTIGLOSSA Kirby)

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|----|----|----|---|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|
| <i>N. trilineata</i> (Kirby) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | NS | NF | - | - | - | - | - |
| <i>N. undata</i> (Say) | AK | YK | NT | - | BC | AB | SK | MB | ON | QC | NB | PE | NS | NF | - | - | - | - | - |

(Subgenus TEXAS Kirkaldy)

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <i>N. tumidifrons</i> Downes | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
|------------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

Genus NEZARA Amyot & Serville

| |
|-------------------------------|
| <i>N. viridula</i> (Linnaeus) | - | - | - | - | - | - | - | Q | S | - | - | - | - | - | - | - | - | - | - |
|-------------------------------|

Genus PRIONOSOMA Uhler

| | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <i>P. podopioides</i> Uhler | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
|-----------------------------|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

Genus TEPA Rolston & McDonald

Key to species: Rider 1986.

| | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|----|----|----|---|---|---|---|---|---|---|---|---|---|---|---|
| <i>T. rugulosa</i> (Say) | - | - | - | - | BC | AB | SK | - | - | - | - | - | - | - | - | - | - | - | - |
|--------------------------|---|---|---|---|----|----|----|---|---|---|---|---|---|---|---|---|---|---|---|

Genus THYANTA Stål

Key to species: Rider & Chapin 1992.

| | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|----|---|---|----|----|----|---|---|---|---|---|
| <i>T. accerra</i> McAtee | - | - | - | - | - | - | - | MB | ON | QC | - | - | - | - | - |
| <i>T. custator</i> (Fabricius) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - |
| <i>T. pallidovirens</i> (Stål) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |

Genus TRICHOPEPLA Stål

Key to species: McDonald 1976.

| | | | | | | | | | | | | | | | |
|-----------------------------|----|---|---|---|----|----|----|----|----|----|---|---|---|---|---|
| <i>T. atricornis</i> Stål | AK | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
| <i>T. aurora</i> Van Duzee | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - |
| <i>T. dubia</i> (Dallas) | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>T. semivittata</i> (Say) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - |

Tribe Sciocorini**Genus SCIOCORIS** Fallén

| | | | | | | | | | | | | | | | |
|-------------------------------|---|----|----|---|----|----|----|----|----|----|---|---|---|---|---|
| <i>S. microphthalmus</i> Flor | - | YK | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - |
|-------------------------------|---|----|----|---|----|----|----|----|----|----|---|---|---|---|---|

Subfamily PODOPINAE**Genus AMAUROCHROUS** Stål

Key to species: Barber & Sailer 1953.

| | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|----|----|---|---|---|---|
| <i>A. brevitylus</i> Barber & Sailer | - | - | - | - | - | - | - | - | - | QC | - | - | - | - | - |
| <i>A. cinctipes</i> (Say) | - | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - |

Family SCUTELLERIDAE

Key to taxa: Lattin 1964 [North America].

Scutellerids, shield bugs. Phytophagous stink bugs. Dull brownish, with scutellum greatly enlarged, U-shaped, and usually entirely covering abdomen; antennae 5-segmented; membrane of forewing with many veins; prosternum with sulcus; tarsi with 3 segments.

Subfamily EURYGASTRINAE**Genus EUPTYCHODERA** Bergroth

| | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|----|---|---|---|---|---|---|---|---|-----|
| <i>E. corrugata</i> (Van Duzee) | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | [r] |
|---------------------------------|---|---|---|---|---|----|---|---|---|---|---|---|---|---|-----|

Genus EURYGASTER Laporte

| | | | | | | | | | | | | | | | |
|---------------------------|---|---|----|---|----|----|----|----|----|----|----|---|----|---|---|
| <i>E. alternata</i> (Say) | - | - | NT | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - |
| <i>E. amerinda</i> Bliven | - | - | NT | - | BC | AB | SK | MB | ON | QC | - | - | - | - | - |

Genus FOKKERIA Schouteden

| | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|----|---|---|---|---|---|---|---|---|-----|
| <i>F. producta</i> (Van Duzee) | - | - | - | - | - | AB | - | - | - | - | - | - | - | - | [r] |
|--------------------------------|---|---|---|---|---|----|---|---|---|---|---|---|---|---|-----|

Genus PHIMODERA Germar

| | | | | | | | | | | | | | | | |
|--------------------------|---|----|---|---|----|----|----|----|---|---|---|---|---|---|---|
| <i>P. binotata</i> (Say) | - | YK | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - |
|--------------------------|---|----|---|---|----|----|----|----|---|---|---|---|---|---|---|

Genus VANDUZEEINA Schouteden

Key to species: Usinger 1930.

| | | | | | | | | | | | | | | | |
|------------------------------|---|----|---|---|----|----|---|----|----|---|---|---|---|---|---|
| <i>V. balli</i> (Van Duzee) | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - |
| <i>V. borealis</i> Van Duzee | - | YK | - | - | BC | AB | - | MB | ON | - | - | - | - | - | - |

Subfamily PACHYCORINAE

Genus ACANTHOLOMIDEA Sailer

| | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|----|---|---|---|----|---|---|---|---|---|---|-----|
| <i>A. denticulata</i> (Stål) | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | [r] |
| <i>A. porosus</i> (Germar) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | [r] |

Genus HOMAEMUS Dallas

| | | | | | | | | | | | | | | | | |
|---------------------------------------|----|----|----|---|----|----|----|----|----|----|----|----|----|----|---|-----|
| <i>H. aeneifrons aeneifrons</i> (Say) | - | - | - | - | - | - | - | MB | ON | QC | NB | PE | NS | NF | - | |
| <i>H. aeneifrons consors</i> Uhler | AK | YK | NT | - | BC | AB | SK | - | - | - | - | - | - | - | - | |
| <i>H. bijugis</i> Uhler | - | - | - | - | BC | AB | SK | MB | - | - | - | - | - | - | - | |
| <i>H. parvulus</i> (Germar) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | [r] |

Genus TETYRA Fabricius

| | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|--|
| <i>T. bipunctata</i> (Herrich-Schaeffer)
shieldbacked pine seed bug | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | |
|--|---|---|---|---|---|---|---|---|----|----|---|---|---|---|---|--|

Family THYREOCORIDAE

Key to genera and species: McAtee & Malloch 1933.

Negro bugs. Phytophagous. Black, oval and usually shiny; scutellum large, U-shaped, covering most of forewings and abdomen; claval commissure absent; tibiae with two rows of thick black spines; fore tibia not expanded and modified for digging.

Genus CORIMELAENA White

(Subgenus CORIMELAENA White)

| | | | | | | | | | | | | | | | | |
|--------------------------------------|---|----|---|---|----|----|----|----|----|----|----|---|----|---|---|--|
| <i>C. alpina</i> (McAtee & Malloch) | - | - | - | - | - | - | - | - | QC | NB | - | - | - | - | - | |
| <i>C. lateralis</i> (Fabricius) | - | - | - | - | - | - | - | - | ON | QC | - | - | - | - | - | |
| <i>C. nigra</i> Dallas | - | YK | - | - | BC | AB | SK | MB | ON | QC | NB | - | NS | - | - | |
| <i>C. obscura</i> McPherson & Sailer | - | - | - | - | - | - | - | - | ON | - | - | - | - | - | - | |
| <i>C. pulicaria</i> (Germar) | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | NS | - | - | |

(Subgenus PARAPORA McAtee & Malloch)

| | | | | | | | | | | | | | | | | |
|--|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|--|
| <i>C. extensa</i> Uhler | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | |
| <i>C. incognita</i> (McAtee & Malloch) | - | - | - | - | BC | - | - | - | - | - | - | - | - | - | - | |

Genus GALGUPHA Amyot & Serville

(Subgenus GALGUPHA Amyot & Serville)

| | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|----|----|----|----|----|----|----|---|----|----|---|--|
| <i>G. aterrima</i> Malloch | - | - | - | - | - | - | - | - | ON | QC | NB | - | NS | - | - | |
| <i>G. atra</i> Amyot & Serville | - | - | - | - | - | - | SK | MB | ON | QC | - | - | NS | NF | - | |
| <i>G. ovalis</i> Hussey | - | - | - | - | BC | AB | - | - | - | - | - | - | - | - | - | |

(Subgenus NOTHOCORIS McAtee & Malloch)

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|----|----|----|----|----|----|---|---|----|---|---|--|
| <i>G. nitiduloides nitiduloides</i> (Wolff) | - | - | - | - | BC | AB | SK | MB | ON | QC | - | - | NS | - | - | |
|---|---|---|---|---|----|----|----|----|----|----|---|---|----|---|---|--|

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